

Historic, Archive Document

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(62.11)



GIANT ZINNIAS. PASTEL TINTS. *Crown O' Gold Type*

IMMENSE FLOWERS, borne profusely on robust plants. Finest of all pastel tints in the super-Zinnia class.

DEVELOPED FROM THE POPULAR "CROWN O' GOLD" VARIETY. But now in mixed pastel shades of soft yellow, old gold, light pink, apricot, salmon, peach, buff, white and cream.

EACH PETAL GOLDEN AT BASE, carrying out the various pastel colors at tip. No magenta, reds or other harsh colors to kill the delicate tints in this new, grand and glorious mixture.

LARGE PACKET.....15c; 2 Pkts. for 25c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 75c; oz. \$1.40

Song's 1945 SPRING GARDEN BOOK
The J.D. Long Seed Co.
BOULDER, COLORADO



Annual Larkspurs

(Annual Delphiniums)

All Larkspurs Priced Prepaid

Much improved the past few years. Quick and pleasing results from spring sown seed.

Just sow the seed out in the garden in April or early May. You will have a grand display from midsummer until killing frost. Thin to 12 inches.

These Tall Annual Larkspurs (3 to 5 feet high) not only brighten up your garden, but are also splendid for cutting. They branch from the base and have very long flower stems.

New Super Majestic Rose-Pink

bear enormous Rose-Pink blossoms. Pkt. 15c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 70c.

Sensational true branching type. Can be grown 5 to 6 feet tall. The long clean stems

New Super Majestic Lavender

Both are grand in garden and splendid for cutting. Pkt. 15c; $\frac{1}{4}$ oz. 50c; $\frac{1}{2}$ oz. 80c.

Same in type and amazing size and loveliness as Rose-Pink, above. But color **lovely lavender**.

New Super Majestic White

A colossal WHITE in the Super Majestic classy type. Pkt. 20c; $\frac{1}{4}$ oz. 60c; $\frac{1}{2}$ oz. \$1.00.

New Giant Imperial Lilac King

closely spaced on long straight spikes. Finest Lilac. Pkt. 15c; $\frac{1}{4}$ oz. 45c; $\frac{1}{2}$ oz. 75c.

A Super Lilac. Upright branching King type. The double florets, from 1½ to 2 inches, are

Big Four Collection, 45c

One pkt. each above four wonderful Annual Larkspurs (value 65c) for 45c.

Ten More Double Imperial LARKSPURS

Blue Spire

Intense Oxford deep Blue.
Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Carmine King

Rich Carmine-Salmon.
Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Coral King

A new color in Larkspurs.
Large. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Dazzler

Bright carmine. Early. Fine for
cutting. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Gloria

Lovely deep rose with no trace of
Carmine. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Lilac Queen

Rich lilac, shading to blue.
Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Los Angeles

Rose with salmon sheen.
Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Miss California

Deep Rose-Salmon.
Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Salmon Pink

New Cockade type, FINE.
Pkt. 10c; $\frac{1}{4}$ oz. 40c.

White King

Magnificent Hollyhock-type.
Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Beautiful Blend

Mixture of these fine Larkspurs.
Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c; oz. 70c.

"Snappy Seven" Collection

Our selection of 7 ten cent Pkts. Larkspurs (assorted colors), plus one Pkt. "Beautiful Blend"—all for 50c, prepaid.

\$1.00 Super Collection

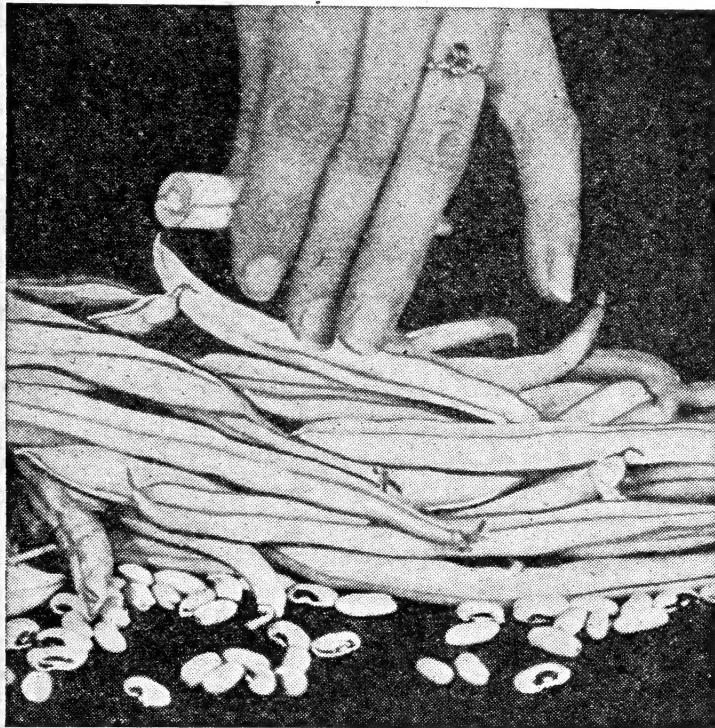
One Pkt. each of ALL named Larkspurs on this page. Value \$1.65. SPECIAL, \$1.00, prepaid.

SONG'S VEGETABLE SEEDS

Tried and True—Best for You

Bountiful BEANS

Most any dame knows what it means
To sit for hours a stringin' Beans.
She'd better plant the stringless kind,
For then her work won't lag behind.



All Beans Priced Prepaid

Brittle Wax. Yellow Pod

The tender pods break like icicles. Flavor fine. Long, round fleshy yellow pods. Beans white, with dark eye. Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1b. 40c; 2 lbs. 75c.

Giant Stringless Green Pod

Long, round, tender, meaty pods. Beans light brown. One of the very best green pod kinds. Delicious. "It's got everything." Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1b. 40c; 2 lbs. 75c.

Kentucky Wonder Favorite pole bean. Pods are green. Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1b. 40c; 2 lbs. 75c.

Henderson's Lima BABY LIMA. Early bush. Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1b. 40c; 2 lbs. 75c.

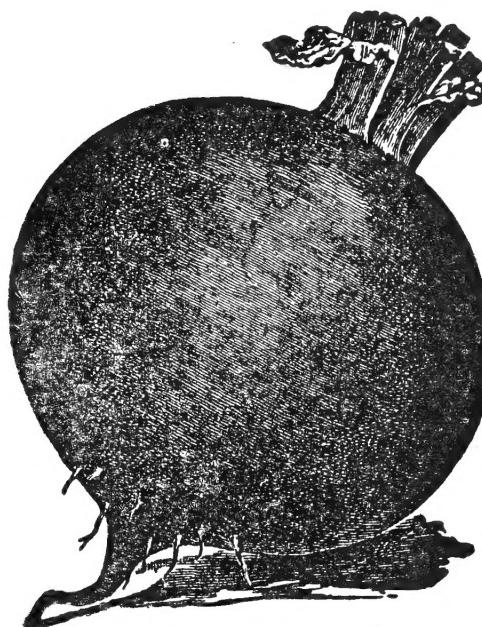
Burpee's Bush Lima A thick seeded Lima. Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1b. 40c; 2 lbs. 75c.

Edible Soy Beans Bansei Strain. Much talked about bean that differs from the field varieties, teeming with proteins. Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1b. 40c; 2 lbs. 75c.

Beans—Larger Lots. Page 11

Put on your slacks or bridle jeans,
And plant a lot of Stringless Beans.

Table Beets, Prepaid



Pay more attention to the Beet.
Both roots and tops are fine to eat.

Detroit Dark Red Globe shape; smooth; dark red; tops small. Good for early, medium or late. Splendid for canning. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1b. \$1.80.

Early Wonder A splendid extra early variety. Quick growing, globe shape. Flesh dark red, sweet and tender. For summer, fall and winter. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1b. \$1.80.

STOCK

BEETS

All at Same Prices Prepaid:
Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c;
1b. \$1.00.

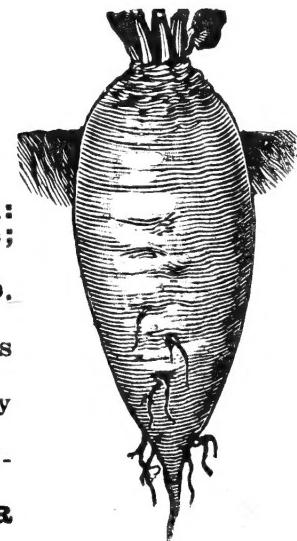
MAMMOTH LONG RED. Great yielder.

GOLDEN TANKARD. Roots thick, short.

GIANT HALF SUGAR. Very good.

SUGAR BEET. The standard sugar beet.

MANGELS AND SUGAR BEETS MIXED.



Swiss Chard

SPINACH BEET

Leaves may be cooked like spinach. Chickens like Swiss Chard and thrive on it. Pull off the outside stalks. Others keep forming. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Asparagus—Prepaid

SEED: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1b. \$1.20.
ROOTS: 15 for 50c; 50 for \$1.20; 100 for \$2.00.

CABBAGE, Prepaid



Cauliflower, Prepaid

EARLY SNOWBALL. Main crop variety.
Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c; $\frac{1}{2}$ oz. \$1.25.

DRY WEATHER. Later than Snowball.
Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c; $\frac{1}{2}$ oz. \$1.25.

Brussels Sprouts Tiny cabbages, grow closely on stalks. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Early Copenhagen Market

Also splendid for winter, when planted later.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Extra Early Golden Acre

Plants compact. Heads round, solid, sweet.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Danish Round Head Winter

Short Stemmed Hollander. A favorite for late fall and winter. Solid. Good keeper.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Early Jersey Wakefield

Pointed heads. Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c.

Winningstadt Second Early

Medium size. Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c.

Enkhuizen Glory Midseason

A second early round head variety. Large.
Pkt. 5c; $\frac{1}{2}$ oz. 25c; oz. 35c; $\frac{1}{4}$ lb. \$1.10.

Mammoth Late Flat Dutch

Can be grown to gigantic size. Heads round.
Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.10.

Perfection Drumhead Savoy

Heads nearly round. Leaves crimped. Sweet.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

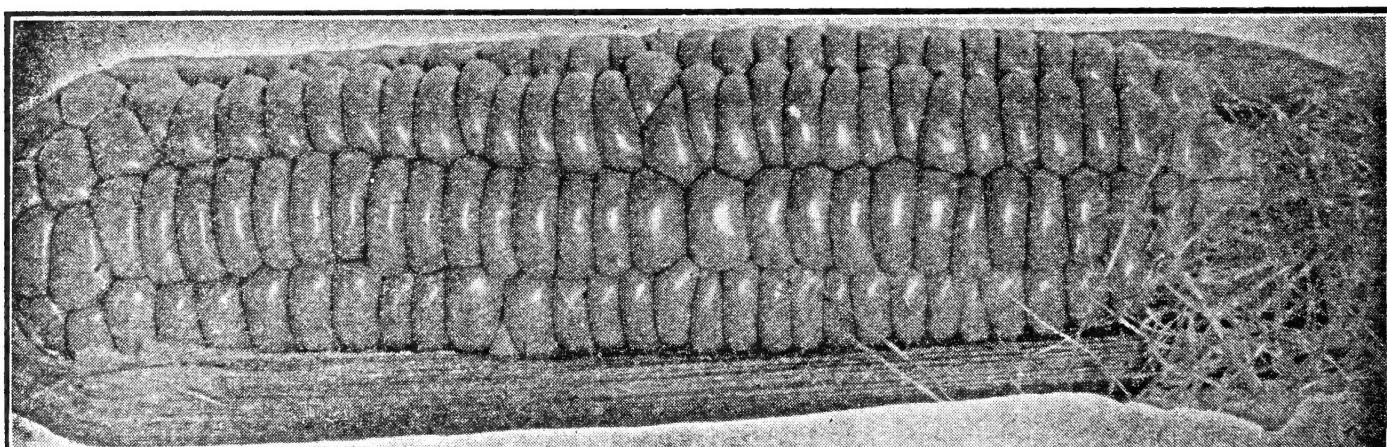
Mammoth Red Rock Winter

The round purple-red heads are excellent.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

For Cabbage plants, don't spend your dough.
Plant seed outdoors, and watch 'em grow.

Chinese Or **CELERY CABBAGE.** Sow in June. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

SWEET CORN—ALL PRICED PREPAID



GOLDEN BANTAM. Improved Colorado strain.
Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c.

"EARLY SUNSHINE." Similar to Bantam in color and size but a week earlier. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c.

GOLDEN EARLY MARKET. A large early.
Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c.

STOWELL'S EVERGREEN. Large white.
Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c.

Sweet Corn—Larger Lots

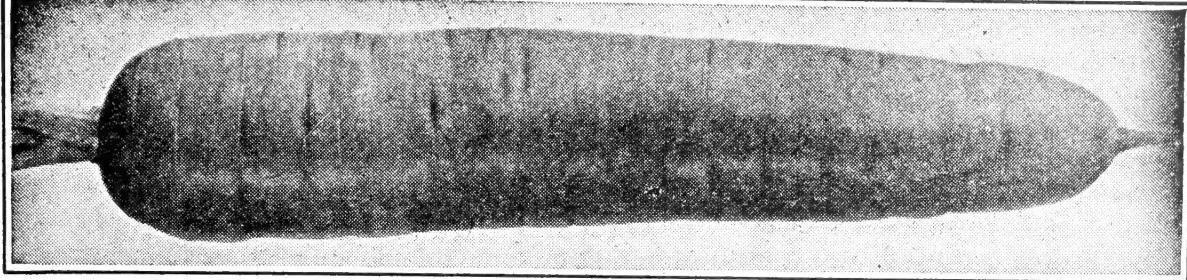
See Page 11

There is a Romeo named Bob
Who chaws his corn right off the cob.
The seed he gets away out west,
Where sweet corn seed develops best.

NEW HYBRID SWEET CORN

GOLDEN CROSS BANTAM. Bred for broad leaves, sturdy stocks and high yield. Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 60c.

"EARLIGOLD" Hybrid. Amazingly early and sweet. Good size. Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 60c.



Morse's
Bunching
Carrot.
Ideal shape.
Favorite for
home use and
market.

CARROTS, Prepaid

Chantenay (Improved Red Core). Good.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 70c.

Danvers Flesh bright orange. Medium length. Heavy yielder.
Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1lb. \$1.75.

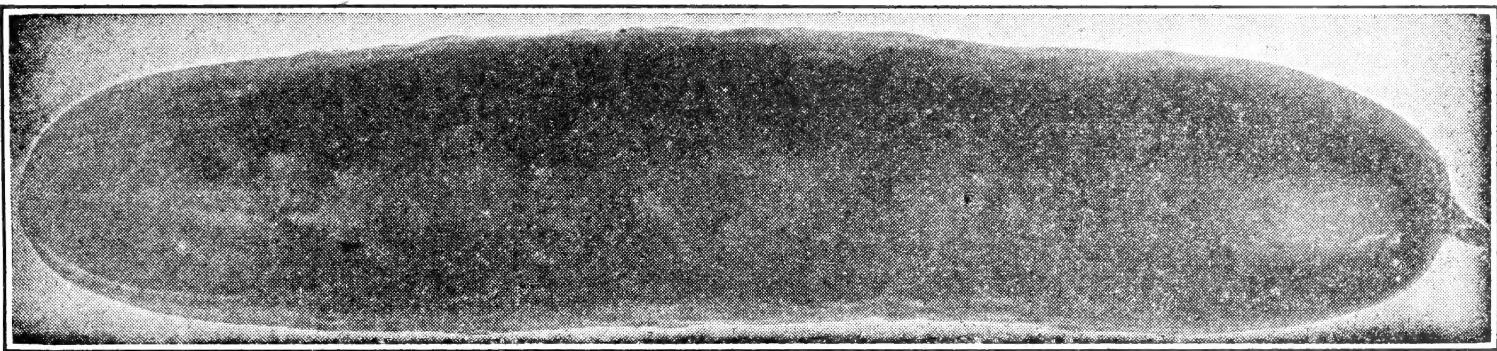
Morse's Bunching Tops short. Roots cylindrical.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 70c.

Nantes Roots cylindrical, about 6 inches. Orange-red. (Morse bunching type.)
Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1lb. \$2.25.

Oxheart Short, thick orange roots. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

Reports come in from all directions, that Carrots tone up your complexions.



Cucumbers, Prepaid

Prices: ALL CUCUMBERS (except "5L"):
Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 70c.

Boston Pickling Known also as Chicago Pickling.

Davis Perfect Slim, dark green and crisp.

Early Fortune Fine shape. White spine type.

Early White Spine A good old favorite.

Klondike An extra early white spine variety.

Long Green Improved Good slicer.

Straight-8 Most of the fruits are straight. Good.

"Long's Long Longed-For Longest Long Green"

(Call this the 5L Cuke, for short.)

Extra long variety of beautiful appearance. Splendid flavor. For pickles or slicing. Free from bitterness. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c.

Our 5L Cucumber's mighty nice.
When small, for pickles. Large to slice.

WEST INDIA GHERKIN. Very small prickly sort, for pickles only. Use when quite young. Pkt. 5c; oz. 25c.

Feed Your Plants (Page 13)

Klondike The favorite strain. Flesh deep red, stringless.

Early Kansas Large, round, and very sweet. Extra early.

Stone Mountain Fine, large, nearly round melon. Tender red flesh. (Also called "Dixie Belle.")

Tom Watson Similar to Kleckley's Sweet, but still larger.

Citron Used for preserves and pickles.
Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

Ol' Rastus plods with shoeless feet,
To melon patch of "Kleckley's Sweet"
And for dessert, if he's not seen,
Grabs off a couple "King and Queen."

Water Melons

Prices: ALL WATER MELONS: LARGE
Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c;
LB. \$1.00. PREPAID.

Fordhook Early melon of good size. Round, flesh bright red.

Ice Cream Very sweet, early melon for home or home market.

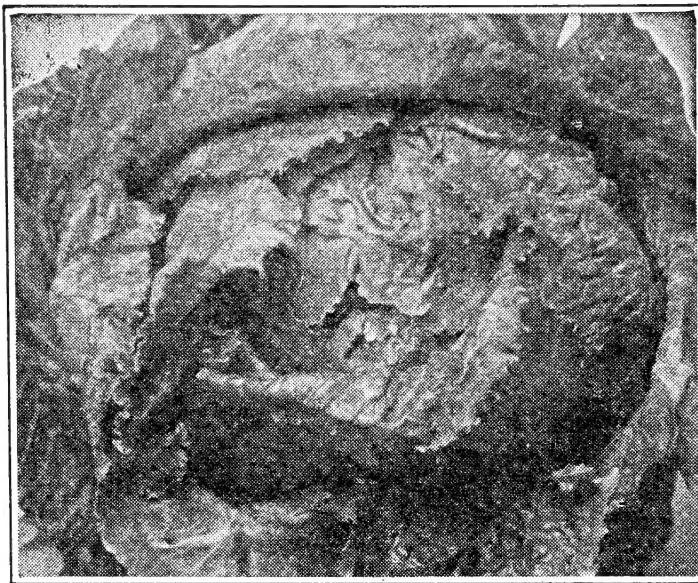
King and Queen (Winter Water-melon.) A Russian variety; light cream with green striping.

Kleckley's Sweet (The Rocky Ford.) Scarlet flesh. Solid heart. Sweet and sugary.

You get more yield from every row, if seeds from Long you always sow.

LETTUCE

Prepaid



Lettuce will seldom head in hot weather, unless grown in shade. It is a cool weather plant, doing best very early in spring.

Mignonette Lettuce will often make heads when all other kinds fail. Try it.

ALL VARIETIES except NEW YORK: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1lb. \$1.80.

Black Seeded Simpson

Grows quickly, making fluffy, loose bunch of tender, creamy leaves of delicate flavor.

Cos One of the surest blanching kinds, of elongated form.

Grand Rapids Light green leaves with fringed edges.

Hanson Good heading variety. Good also as leaf lettuce.

Iceberg Similar to Hanson. Crisp and tender. Fine for home gardens.

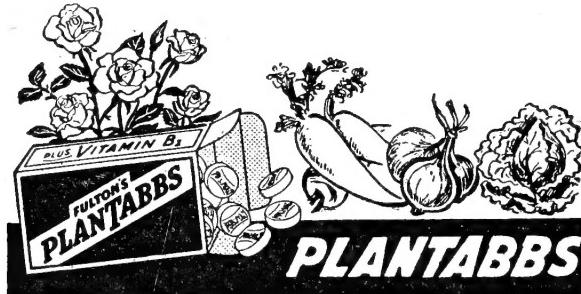
Mignonette Easy to head. The outer leaves have a bronzed cast. Creamy heads of compact crumpled leaves.

Prize Head Leaves crimped; tinged brownish-red. Early.

New York Also called Los Angeles, Wonderful, Mountain Iceberg, and Western Iceberg. Leading heading lettuce for market. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Sow Lettuce seed in EARLY spring,
When robins flit upon the wing,
For brittle leaves and crispy heads.
To make it head, thin out the beds.

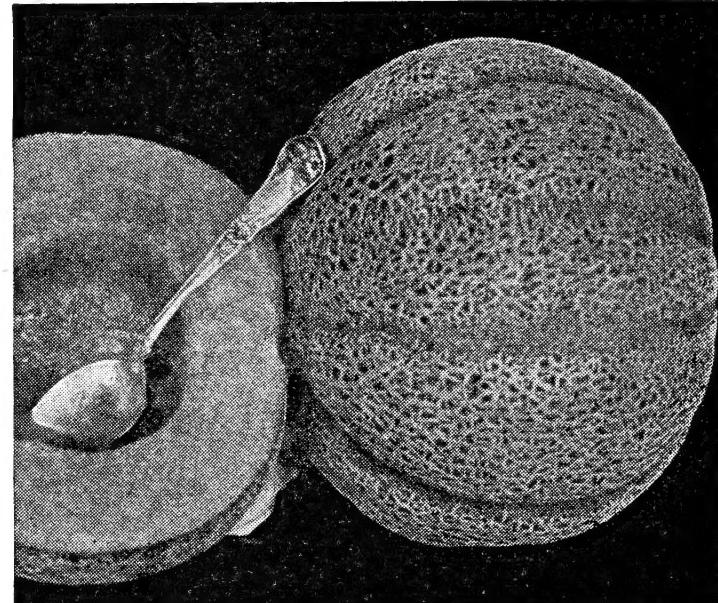
"Full Meal" Tablets



Feed Your Plants (Page 13)

Musk Melons

Prepaid



Prices: All Musk Melons, Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1lb. \$1.80.

Hale's Best One of the best of the Rocky Ford type Cantaloupes. Early. Salmon-colored flesh.

Hale's Jumbo Similar to Hale's Best, but much larger. Flesh thick and of deep salmon.

Emerald Gem Small, early salmon flesh. Very sweet.

Honey Dew Medium size, round, creamy white outside. Flesh green.

Banana Banana shape and banana-like flavor. Thick salmon flesh.

Greeley Wonder Early but large. Shape varies. Salmon flesh.

Milwaukee Market Medium oval, salmon flesh.

GARDEN LEMON. Pkt. 10c. Very small. For pickles and preserves.

If you have room, you'll plant I hope,
Some large and luscious cantaloupe.
The Rocky Ford of former days
Has been improved in many ways.

Celery, Prepaid



Culture: Sow in protected bed; sow thin and cover lightly. Transplant in June. Ask your Agricultural College for information on celery growing.

GOLDEN - SELF BLANCHING. One of the best early kinds for fall use. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

G I A N T P A S C A L. Best for winter use. May be blanched with soil, paper or boards. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

G I A N T P A S C A L. Special Stock. Re-selected. Fine. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 80c.

Onion Seed Prepaid

Mountain Danvers Rich golden yellow globe. Nearly as round, and sound, as a baseball. Early, good yielder, long keeper. Fine, both for high and lower altitudes. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Yellow Spanish The new mammoth strain of Sweet Spanish. Deep yellow thick skin, small neck, vigorous grower. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

White Spanish Gigantic size. Mild and sweet. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.40.

White Silverskin Early, good size. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.20.

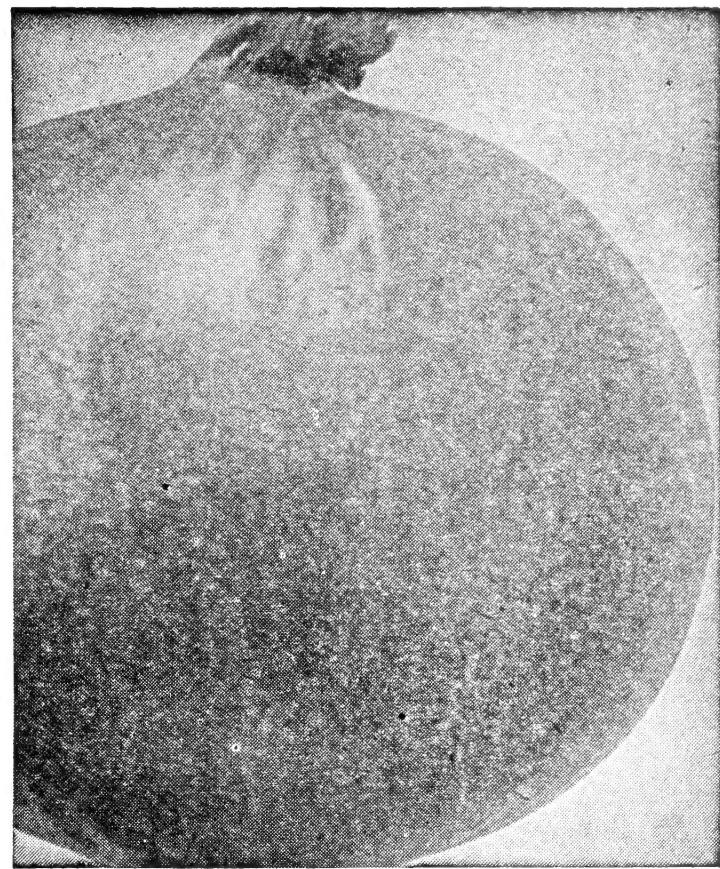
Red Globe Southport type. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 80c.

White Globe Southport strain. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.20.

Yellow Globe Southport type. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Yellow Globe Danvers Larger than Mt. Danvers. Well known money maker. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

The Mountain Danvers Golden Onion
May cure some ills. But not your bunions.



(Write for prices on larger lots of Onion seed.)

"Jack Spratt" Mixed Onion Seed For the Home Garden. Gives you a variety of colors and types. All good for green summer onions, or large onions for winter. Large Pkt. 10c; $\frac{1}{2}$ oz. 25c; $\frac{1}{4}$ lb. 80c.

(For Zones 7 and 8 add 3c each Quart. See Page 12 for Zones.)

Onion Sets, Prepaid

Large Dry Onions for fall and winter use are easily raised from sets. HAZEL and TINY cheapest and best for growing dry onions and make nice green onions also.

Use the smaller sets for growing large bulbs. Smaller sets make better matured dry onions. Regular Sets O. K. for green onions and come quicker. Will make dry onions but may run to seed.

Regular Size Sets are $\frac{1}{8}$ -inch to little less than $\frac{3}{4}$ -inch. Hazel Sets are under $\frac{3}{4}$ -inch.

"Tiny" Sets Prepaid

The smallest of all Onion Sets. Prepaid anywhere in United States.

Make green onions much earlier than seed. Fine for growing dry onions for winter also.

YELLOW TINY SETS: Pint 40c; quart 70c.

WHITE TINY SETS: Pint 45c; quart 80c.



Regular Size Sets

YELLOW	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone
Quart	\$0.32	\$0.33	\$0.34	\$0.35	\$0.36
2 Quarts ...	.60	.62	.64	.66	.68
4 Quarts ...	1.16	1.20	1.24	1.28	1.32
WHITE					
Quart .....	.36	.37	.38	.39	.40
2 Quarts ...	.68	.70	.72	.74	.76
4 Quarts ...	1.32	1.36	1.40	1.44	1.48

Hazel Size Sets

YELLOW	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone
Quart	\$0.39	\$0.40	\$0.41	\$0.42	\$0.43
2 Quarts ...	.74	.76	.78	.80	.82
4 Quarts ...	1.44	1.48	1.52	1.56	1.60
WHITE					
Quart .....	.43	.44	.45	.46	.47
2 Quarts ...	.84	.86	.88	.90	.92
4 Quarts ...	1.66	1.70	1.74	1.78	1.82

(A Quart of Sets Equals 1 Pound in Weight.)

Spinach, Prepaid

Prices: All Spinach: **LARGE PKT.** 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1b. 60c.

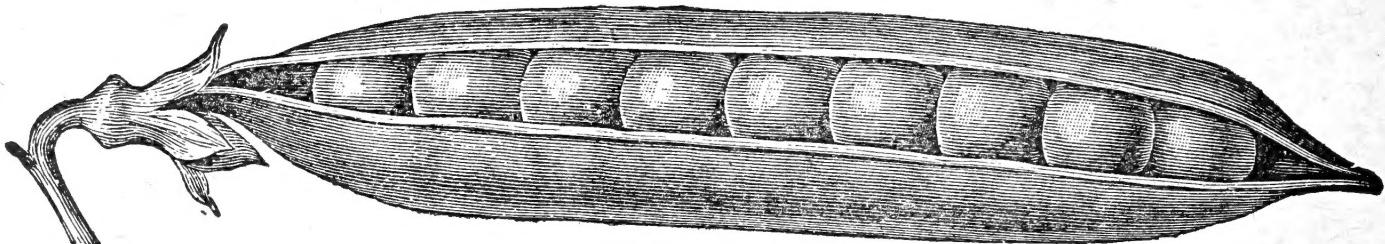
BLOOMSDALE, LONG STANDING. Large Savoy type leaves. Best.

VIROFLAY. Thick, dark green leaves.

"KING OF DENMARK." Dark green leaves.

Prolific Profitable PEAS

for Particular Planters



ALL PEAS PRICED PREPAID

Aunt Lucy opens garden peas
By giving every pod a squeeze.
But soon, methinks, she'll rest her flippers
While shelling peas equipped with zippers.

Alaska Early smooth. Large pkt. 10c;
½ lb. 20c; 1b. 35c.

Alderman Tall telephone type. Better.
Large pkt. 10c; ½ lb. 25c;
1b. 40c.

Ameer Larger than Alaska. Early.
Smooth. Large pkt. 10c; ½ lb. 20c;
1b. 35c.

Dwarf Telephone A second early.
Pods large. Large
pkt. 10c; ½ lb. 20c; 1b. 35c.

Edible Pod Dwarf Gray Sugar. Pods
as well as peas are cooked.
Pkt. 10c; ½ lb. 25c; 1b. 40c.

Everbearing An old time late sort. Pkt.
10c; ½ lb. 20c; 1b. 35c.

Giant Stride Medium vines, giant pods,
Large, luscious peas.
Large pkt. 10c; ½ lb. 20c; 1b. 35c.

Peas thrive best in the cooler early months of the season. Seldom thrive if planted late. But BEANS do well planted any time after danger from frosts up till late July, in most sections.

The wrinkled varieties of Peas are sweeter than the smooth. The main value of Alaska and Ameer is that they can be planted very early and almost never rot in cold wet ground. Sow peas rather thick, a pound to 75 feet.

Plant Peas galore. Sow more and more.
Release canned Peas for foreign shore.

No "points" on Peas you grow yourself.
So, can a lot and store on shelf.

Peppers—Prepaid

CHINESE GIANT. Larger than Ruby King.
Mild. Pkt. 10c; ½ oz. 25c; oz. 40c.

LONG RED CAYENNE. Pkt. 5c; ½ oz. 25c;
oz. 40c. "Full of pep."

RED CHILI. Small, red, very hot. Pkt. 5c;
½ oz. 20c; oz. 35c.

PIMENTO. Mildest of all peppers. Pkt. 10c;
½ oz. 25c; oz. 45c.

HARRIS EARLY GIANT. Earliest of all giant
peppers. Pkt. 10c; ½ oz. 25c; oz. 40c.

CALIFORNIA WONDER. A GIANT, with
crisp, tender and sweet flesh. Not lopsided.
Base level. Ideal for stuffing. A real wonder.
Pkt. 10c; ½ oz. 25c; oz. 40c.



How to Grow Peppers

Culture: Sow ¼ in.
deep in hotbed or
shallow boxes. Follow
same suggestions
given for tomatoes.
Peppers will not ger-
minate if ground is
cold. Plants tender.
Set out 12x24 inches
after late frosts.

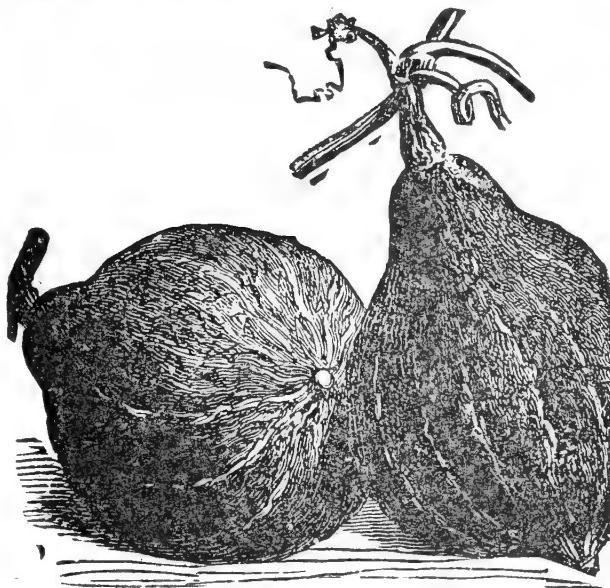
Rutabaga —Prepaid

AM. PURPLE TOP. Purple above and yellow
under the ground. Flesh yellow and solid.
Pkt. 5c; oz. 15c; ¼ lb. 40c; 1b. \$1.10.

Rhubarb, Pie Plant

Sow the seed in spring, and transplant where
wanted next spring. Pkt. 5c; oz. 20c.

SQUASH Prepaid



Prices: All Squash at: Pkt. 5c; oz. 15c;
1/4 lb. 50c; 1lb. \$1.50.

TRUE HUBBARD. The good old green, solid, hard shell, long keeping, fine flavored kind.

WHITE BUSH SCALLOPED. For summer use.

STRAIGHTNECK. Better than Crookneck. For summer. Bush plants. Cream color. Use when 4 to 8 inches.

BANANA. When baked the thick golden meat is indeed delicious.

NEW TABLE QUEEN. 5 to 6 in. long; 4 to 5 in. across. Flavor splendid. Usually dark green but color varies. Delicious.

ZUCCHINI (Black.) Better than the gray. Bush type. Flesh greenish white. Grows to 14 inches. But use when small.

Now take a Squash, and bake it well,
A yum-yum dish, I hope to tell.

TURNIPS Prepaid

Prices: All Turnip Seed: Pkt. 5c; oz. 15c;
1/4 lb. 35c; 1lb. \$1.00.

EARLY SNOWBALL. Small, pure white, round, extra early; very tender and sweet.

EXTRA EARLY WHITE MILAN. Of medium size. Flat. Snowball is better.

WHITE EGG. Quick growing, egg-shaped, pure white variety, for spring or summer.

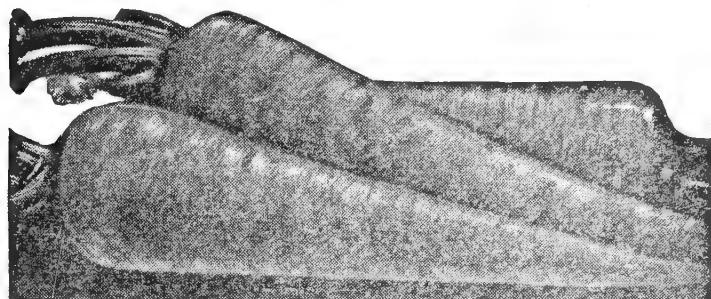
PURPLE TOP GLOBE. Similar to White Egg in shape but with purple top.

The Turnip, butt of many jokes,
Has calcium for all you folks.

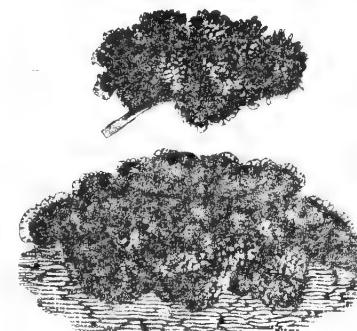
MUSTARD Prepaid

OSTRICH PLUME. Leaves long, ruffled and curved. Cook it like spinach. Pkt. 5c; oz. 15c; 1/4 lb. 35c, prepaid.

PARSNIPS Prepaid



HOLLOW CROWN. Large. Pkt. 5c; oz. 15c;
1/4 lb. 45c; 1/2 lb. 80c; 1lb. \$1.40.



Parsley

Culture: Soak seed in tepid water a few hours before planting. Cover 1/2 inch.

DARK MOSS CURLED. Fine for garnishing. Pkt. 5c;
oz. 15c; 1/4 lb. 35c.

POP CORN, Prepaid

"HULL-LESS." Ears short. Grains slim. Hulls thin. Pkt. 10c; 1/2 lb. 20c; 1lb. 35c.

DYNAMITE. (So. American.) Large. Rich yellow, when popped looks like buttered pop corn. Pkt. 10c; 1/2 lb. 20c; 1lb. 35c.

PUMPKINS Prepaid

Small Sugar The good old yellow pie pumpkin. Pkt. 5c; oz. 10c;
1/4 lb. 25c; 1lb. 80c.

Large Field Pkt. 5c; oz. 10c; 1/4 lb. 25c;
1lb. 70c.

King of Mammoths Largest of all pumpkins, yet good for pies as well as for stock. Pkt. 10c;
oz. 15c; 1/4 lb. 40c; 1lb. \$1.00.

Dill Mammoth. Pkt. 5c; oz. 20c; 1/4 lb.
60c.

Egg Plant **BLACK BEAUTY.** Pkt. 10c;
1/2 oz. 25c.

Endive **WHITE CURLED.** Pkt. 5c; oz.
15c; 1/4 lb. 45c.

Kale For greens. Pkt. 5c; oz. 20c; 1/4 lb.
60c.

Kohl-Rabi **WHITE VIENNA.** The best. Pkt. 10c; oz. 40c. Prepaid.

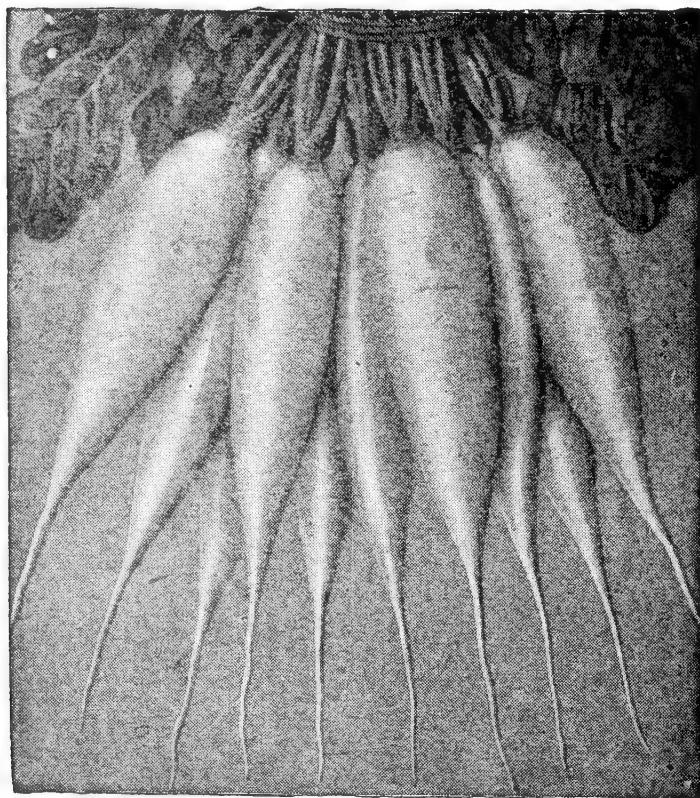
Okra, or Gumbo, Prepaid

Pods used in soups, to which they impart a rich flavor. Pkt. 5c; oz. 15c; 1/4 lb. 40c.

Broccoli Both stems and heads are cooked. Pkt. 10c.

If feeling weak and looking pale,
Then eat more Spinach, Peas and Kale.
If cost of Oranges is high,
Tomato juice will get you by.

RADISHES Prepaid



Prices: All Radishes at: Pkt. 5c; oz. 15c;
 $\frac{1}{4}$ lb. 35c; lb. \$1.00.

- White Icicle** The name just fits. Is the earliest long radish.
- Early Scarlet Turnip** **WHITE TIP** (Sparkler strain). Quick growing, attractive.
- Glass** Or **CINCINNATI MARKET**. Corresponds to Icicle, but color is red.
- French Breakfast** Half long type. Soon gets pithy.
- Scarlet Globe** EARLY. Round, slightly elongated. Crisp.
- Crimson Giant** Round, bright red, growing quickly to bunching size. Grows very large and still remains crisp and mild.

The Crimson Giant, sweet and red,
Should be in every Radish bed.

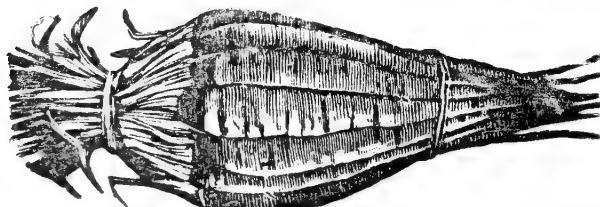
Chinese Rose (Winter.) Pink, oval or half long.

"Jack Spratt" Mixed

Red, white, long, short, fat, slim—in one package. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c.

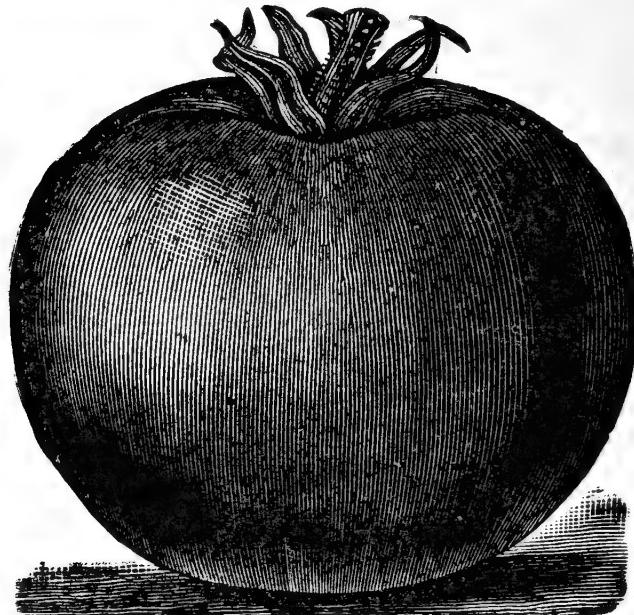
The Radish grows much like a weed.
Just keep on hand some extra seed.
And plant some every week or two,
For fresh supply so crisp and new.

SALSIFY Prepaid



(Vegetable Oyster.) Pkt. 10c; $\frac{1}{2}$ oz. 25c.

TOMATOES Prepaid



Beauty (Livingston.) Medium. Smooth, prolific, purplish red. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.20.

Bonny Best Bright scarlet. Early. Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Chalk's Early Jewel Deep red. Pkt. 5c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.10.

Earliana Earliest red. Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. 90c.

Early Red Head Real early tomato of medium size, round. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.

John Baer Large early scarlet. Big yielder. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.20.

Marglobe Large, smooth, solid, bright red, resistant wilt. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.20.

"Penn State" Rich scarlet. Foliage covers fruits which set in clusters. Shape almost spherical. Early. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Ponderosa Largest of all tomatoes. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.

Prichard (Scarlet Topper.) Solid brilliant red. Heavy yielder. Medium early. Disease resistant. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Yellow Pear Small pear-shaped tomato for preserving. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.20.

Ground Cherry (Husk Tomato.) Each fruit in husk. Sweet and fine for preserving or pies. Yellow fruits. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

In days when folks liked early risin'
Tomatoes were considered pizen.
But now they're put to many a use,
For health, they're good as orange juice.
(But don't quote me in California.)

The Tomato is a warm weather plant. Set main crop after danger from frosts. Is worth the extra care, covering plants cold nights, to set a few early, but don't risk ALL your crop early.

Set plants DEEP, so half to two-thirds the plant is in the ground. Roots will form along covered stem.

Try sowing a few Tomato seeds right out in garden after soil nice and warm. You'll be surprised.

Beans, Corn, Peas. Larger Lots, Lower Prices

BEANS: Giant Stringless Green Pod, Kentucky Wonder, Henderson Lima.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.24	\$1.28	\$1.35	\$1.44	\$1.51	\$1.62	\$1.71
10 lbs.....	2.29	2.38	2.53	2.71	2.87	3.08	3.27
25 lbs.....	5.36	5.59	5.97	6.43	6.85	7.37	7.87

BEANS: Brittle Wax, Burpee's Lima, Edible Soy (Bansei).

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.44	\$1.48	\$1.55	\$1.64	\$1.71	\$1.80	\$1.84
10 lbs.....	2.69	2.78	2.93	3.11	3.27	3.48	3.67
25 lbs.....	6.36	6.59	6.97	7.43	7.85	8.37	8.87

SWEET CORN: G. Bantam, Ea. Sunshine, Gold. Ea. Market, S. Evergreen.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.34	\$1.38	\$1.45	\$1.54	\$1.61	\$1.72	\$1.81
10 lbs.....	2.49	2.58	2.73	2.91	3.07	3.28	3.47
25 lbs.....	5.86	6.09	6.47	6.93	7.35	7.87	8.37

SWEET CORN: Golden Cross Bantam Hybrid and Earligold Hybrid.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$2.44	\$2.48	\$2.55	\$2.64	\$2.71	\$2.82	\$2.91
10 lbs.....	4.59	4.68	4.83	5.01	5.17	5.38	5.57

PEAS: Alaska, Ameer, Dwarf Telephone, Everbearing, Giant Stride.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.14	\$1.18	\$1.25	\$1.34	\$1.41	\$1.52	\$1.61
10 lbs.....	1.99	2.08	2.23	2.41	2.57	2.78	2.97
25 lbs.....	4.36	4.59	4.97	5.43	5.85	6.37	6.87

PEAS: Alderman, Edible Pod, Laxtonian, Little Marvel.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
5 lbs.....	\$1.24	\$1.28	\$1.35	\$1.44	\$1.51	\$1.62	\$1.71
10 lbs.....	2.19	2.28	2.43	2.61	2.77	2.98	3.17
25 lbs.....	4.86	5.09	5.47	5.93	6.35	6.87	7.37

ANY OBVIOUS PRICE ERRORS IN THIS CATALOG ARE CANCELLED

Ceiling Prices: Many, though not all, vegetable seeds are under OPA ceiling prices. Some of these prices a little hard to figure out by a plain dirt farmer like myself. But I have aimed to make all our ceilings lower than we are permitted to charge. Instead of using a step ladder for making ceilings, I just took an old chair, sometimes adding a Monkerey-Sawbuck catalogue if chair not quite high enough. Hope you like it.—J.D.

'Safety First' Purest Lawn GRASS SEED

Best White Dutch Clover

Clean seed of bright golden color and strong vitality, "rarin' to go." Sure fine. Lb. \$1.20; 2 lbs. \$2.30; 3 lbs. \$3.30, prepaid, any zone.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone
5 lbs.....	\$4.90	\$4.95	\$5.05	\$5.15	\$5.25	\$5.35

Best Kentucky Blue Grass

Very heavy and clean. Lb. 60c; 2 lbs. \$1.10, prepaid, any zone.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone
5 lbs.....	\$2.25	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70
10 lbs....	4.20	4.30	4.40	4.60	4.80	5.00

Our Best Mixed Lawn Seed

Many professional lawn makers use 8 lbs. Ky. Blue Grass to one lb. White Clover, same as we offer. Lb. 70c; 2 lbs. \$1.30; 3 lbs. \$1.90, prepaid, any zone.

	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone
5 lbs.....	\$2.70	\$2.75	\$2.85	\$2.95	\$3.05	\$3.20
10 lbs....	5.20	5.30	5.40	5.60	5.80	6.00

It's Easy to Find Your Parcel Post Zone

All seeds offered in this catalogue in lots of one pound or less, are priced PREPAID ANYWHERE IN U. S. A.

Beans, Corn and Peas in lots of 5 pounds or more are priced now according to zones. Your postmaster will tell you in a jiffy what zone you are in, from Boulder, Colorado.

Or you can make a close enough guess by studying the following examples. Many of these towns are close to extreme limit of zones.

2ND ZONE: (Glenwood Springs, Colo.) (Colorado Springs, Colo.) (Rocky Ford, Colo.) (Pueblo, Colo.) (Julesburg, Colo.) (Kimball, Nebr.) (Cheyenne, Wyo.)

3RD ZONE: (Casper, Wyo.) (Santa Fe, N. M.) (Dodge City, Kan.) (Colby, Kan.) (McCook, Nebr.) (Lead, S. D.)

4TH ZONE: (Helena, Mont.) (Boise, Idaho) (Las Vegas, N. M.) (Phoenix,

For the Lawn's Sake

Sow "Safety First" and avoid noxious weeds found in many cheap grass seeds.

You get so much higher germination that a pound of the best will cover as much as two pounds of the cheap seed.

New lawns should be thoroughly worked, leveled and allowed to settle.

The more care before sowing the seed the better the results. Seed will wash to the low spots and make your lawn spotted. Sow not less than one pound to 200 square feet.

Sow part the seed one way and then some more crosswise, so as to avoid streaks. Rake well before and after sowing. Water gently so often that soil never dries out until lawn is green.

Clover comes quickly. Blue grass comes slowly but hangs on like grim death after gets a foothold.

Old lawns should be re-seeded and fertilized from time to time. Use only the purest seed. Never be afraid of sowing too much seed, nor too often.

Dandelion and other weed seeds are blown or carried on to the lawn. Give the lawn a break by sowing grass seed often, to compete with dandelion seed.

Any well known commercial fertilizers are good, such as Vigoro, Sacco. Use 3 or 4 pounds to 100 square feet. Your local seed or feed store can supply. Too expensive to ship Parcel Post.

Ariz.) (El Paso, Tex.) (Wichita Falls, Tex.) (Tulsa, Okla.) (Kansas City, Mo.) (Des Moines, Iowa) (Yankton, S. D.) (Fargo, N. D.)

5TH ZONE: (Indianapolis, Ind.) (Galveston, Tex.) (Minneapolis, Minn.) (And all towns in states of Ark., Calif., Ill., Ore., Wash., Wis.)

6TH ZONE: (Lynchburg, Va.) (Pittsburgh, Pa.) (Brownsville, Tex.) (New Orleans, La.) (Tallahassee, Fla.) (Atlanta, Ga.) (Chattanooga, Tenn.) (Louisville, Ky.) (Erie, Pa.) (Roanoke, Va.) (Buffalo, N. Y.) (Birmingham, Ala.) (Montgomery, Ala.)

7TH ZONE: (Miami, Fla.) (Savannah, Ga.) (Charleston, S. C.) (Wilmington, N. C.) (Norfolk, Va.) (Washington, D. C.) (Philadelphia, Pa.) (New York City) (Portland, Me.) (And all towns in states of Conn., Mass., New Hamp., Vermont.)

8TH ZONE: (Most all of the state of Maine, except near west border.)

Talks under such titles as:

Why Is a Weed?	Bean the Bean Bugs.
Pansy Pointers.	Pester Pests Plenty.
Don't Kill Cops!	Would You Chew Wood?
Garden Strategy.	How to Germinate Seeds.

PRICE: 3c a Copy. Or, will be sent Free with any seed order of 50c or more.

J. D.'s Pocket Digest

16 Pages of Culture Talks "Biled Down".

The tips and pointers packed into these midget pages spell more pleasure and profit from your garden. Size 3x4 inches.

"Full Meal" Tablets for Better Plants

"Full Meal" Tablets



FULTON'S PLANTABBS provide all of the food elements essential to stimulate healthy plant growth, increase vigor and blooms, plus Vitamin B₁ and root-producing hormones.

A complete, balanced food and tonic for everything that grows in soil. Safe to use, guaranteed not to burn. Each tablet is a FULL MEAL and may be either planted in the soil like seed or dissolved and used as a rich liquid fertilizer.

Clean, odorless, convenient. Use Fulton's Plantabbs and enjoy the finest plants, flowers and vegetables you ever had.

30 Tablets.....25c	200 Tablets...\$1.00
75 Tablets.....50c	1000 Tablets...\$3.50

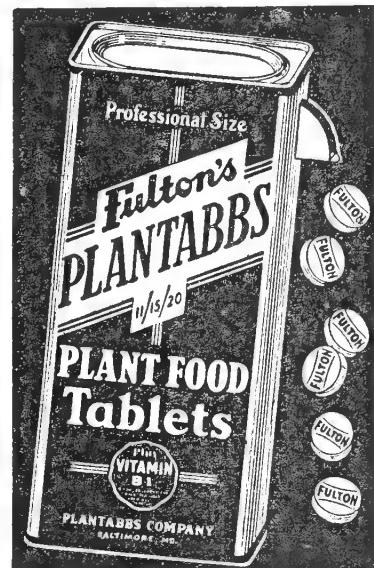
"Full Meal" Tablets

**Large ECONOMY Size
1000 Tablets, \$3.50**

Many who started buying "FULL MEAL" Plantabbs in smaller lots, now order this large can, of about 1000 Tablets.

(Note the SPOUT at side of can.)

No spoilage, no shrinkage, no loss. Keep a supply on hand. Next best buy is the \$1.00 size.



"BLACK LEAF 40"

For lice and other soft body plant pests. Ounce Pkg. 35c; 5 oz. \$1.10. Prepaid.

ARSENATE OF LEAD

For leaf-eating (not sucking) insects. Lb. pkg. 45c, prepaid within 4th zone.

Wettable Dusting Sulphur

Used mainly for tomato plants. Apply either in dust or liquid form. Lb. 25c; 5 lbs. \$1.00. Prepaid in 4th zone.

VITAMIN B₁, Applied by Hose

Vitamist
Cartridges
30 for
\$1.00



Luxuriant Lawns and Gardens
THIS NEW EASY WAY

THE NEW VITAMINE CARTRIDGE

VITAMIST
VITAMIZE AS YOU SPRINKLE

NEW—simple, easy, quick way to VITAMIZE your entire lawn and garden. Assure yourself of gorgeous, luxuriant flowers and a beautiful, attractive lawn that will be the envy of your friends and neighbors.

NO FUSS—NO MESS—NO BOTHER

Simply remove the nozzle from your garden hose, drop a VITAMIST Cartridge into the hose, replace the nozzle and turn on the water. NOTHING ELSE LIKE IT. One Cartridge will VITAMIZE 1,500 square feet.

THIRTY WEEKS' SUPPLY . . . Postpaid
Packed 30 cartridges in a box—enough to VITAMIZE 1,500 square feet once a week for 30 weeks. **\$1.00**

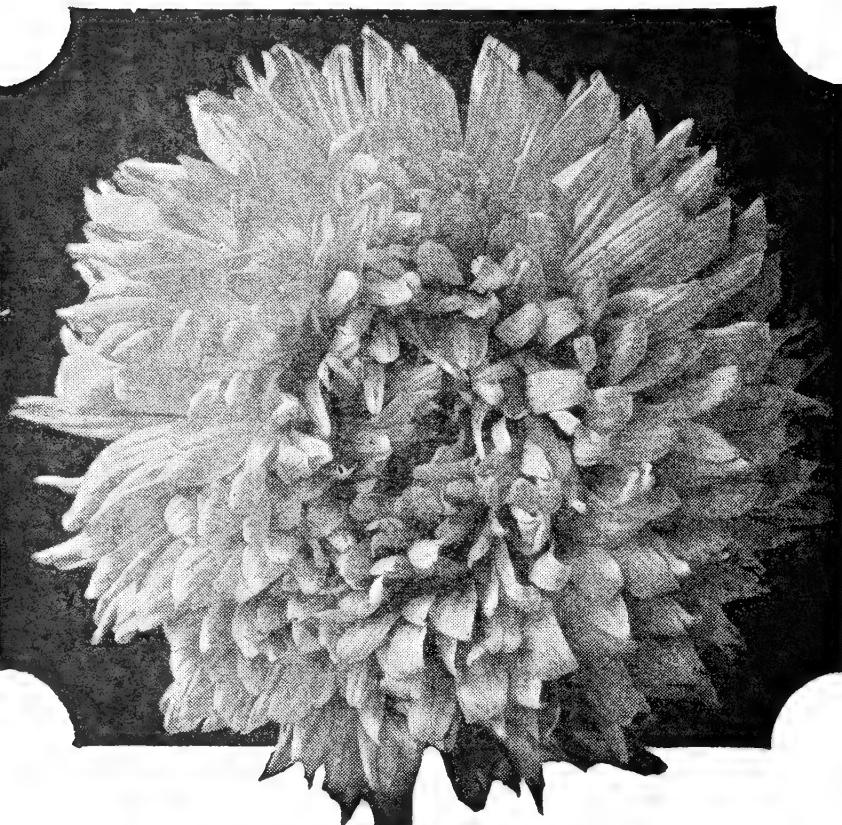
ASTERS

Packet Aster Prices

All Asters, at 10c a Packet.

Bulk Aster Prices

All Asters at: $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.



Boulderado Beauty

The flowers are immense, fully double, on long straight stems.
Shell Pink Lavender White
Rose Pink Purple Mixed

Early Royal

Long, strong stems. Same form as Boulderado Beauty.
White Shell Pink Lavender
Purple Rose Pink Mixed

Ostrich Feather

Large blooms. Petals curved and twisted. A bouquet resembles ostrich plumes.
White Peach Purple
Deep Rose Lavender Mixed

Peony Flowered

Immense double flowers on long, stout non-lateral stems.
AZURE FAIRY. Clear azure blue.
PURPLE ROBE. Deep rich purple.
ROSEBUD. Clear deep rose.
SWANSDOWN. Pure white. Lovely.
FINEST MIXED. Peony-Flowered.

California Giants

strong stems, flowers large, heavy substance, long graceful petals curled and twisted like a chrysanthemum. Real Giants.
White Rose Pink Mixed
Lavender Purple

Los Angeles

Lovely shell pink. The mammoth fluffy flowers are deep and full centered.

El Monte

Similar to Los Angeles, but deep glowing crimson.

Sunshine

Improved Giant California. Single. Mixed colors.

Heart of France

Large, deep red. long stems.

Lon's Super-Mixed Asters

A "Long-Season" mixture of all types and colors, early, medium, and late.

ACROCLINIUM

"Everlasting Flower"

NEW LARGE-FLOWERED HYBRIDS

Showy annuals. Easy to grow. Can be dried for winter. Pastel mixture. Largely double. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

"Butterfly Flower"

Schizanthus Grandiflora Mixture. Full range of color combinations. Finest strain. Pkt. 15c.

AGERATUM (Annual)

BLUE BALL. Deep rich blue. Pkt. 10c.

BLUE CAP. Very dwarf. Bright blue. Pkt. 15c.

DWARF WHITE. About 8 inches. Pkt. 10c.

SWEET ALYSSUM

Alyssum's a border plant,
Both on the level or a slant.
The cost of seed is never much,
It gives your beds a finished touch.

"BASKET OF GOLD." (Perennial.) Golden yellow, 9 to 12 in. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

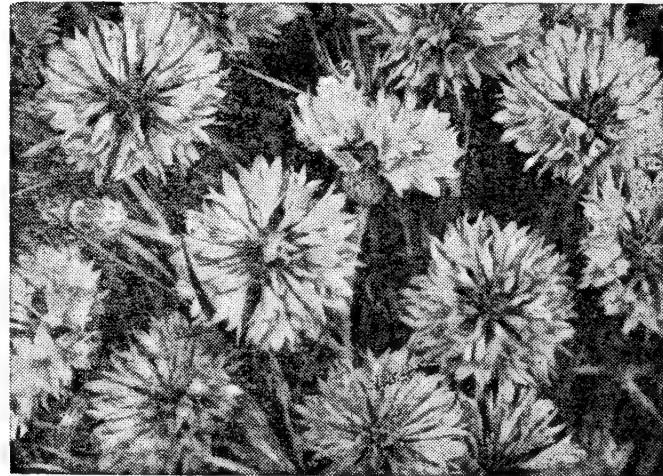
"CARPET OF SNOW." Only 3 inches high. Each plant spreads out like a pancake. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

"LITTLE DORRIT." 4 to 5 inches tall, sweet scented white flowers. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

"VIOLET QUEEN." Pkt. 15c; $\frac{1}{4}$ oz. 45c.

Anchusa (*Italica Dropmore*.) Peren. Tall. Sky-blue. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

Anchusa (*Blue Bird*.) Annual. Might be called a *Giant Forget-Me-Not*. Pkt. 15c; $\frac{1}{4}$ oz. 30c.



BACHELOR'S BUTTON

(*CENTAUREA CYANUS*)

PRICES: Any color, or Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

BLUE BOY. Rich blue. Fine for cutting.

BLACK BOY. Large blackish maroon.

PINKIE. Deep pink. Keeps well cut.

RED BOY. Deep red. Oh, Boy!

SNOW MAN. "What's in a name?" White.

MANY COLORS MIXED. Super fine.

Jubilee Gem Compact plants. Double blue flowers. Pkt. 10c.

The Bachelor Buttons grandma grew
Had petals short and mighty few.
You grow them now with little trouble—
So tall and strong, and fully double.

Baby Blue Eyes (*Nemophila*) Fast growing, early blooming annual. 6 to 8 inch plants bear lovely cup-shaped, sky-blue flowers. Pkt. 10c.

BABY'S BREATH—See *Gypsophila*

Balsam (**LADY SLIPPER**) Grows quickly from seed. Brilliant flowers. Also called "Touch-Me-Not."

DOUBLE MIXED. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

The Balsam, known as "Touch-Me-Not,"
Is seldom grown, almost forgot,
Yet children have a lot of fun—
They pinch the pods, then off they run.



Calendulas

Campfire Double orange. Scarlet sheen. Pkt. 15c; $\frac{1}{2}$ oz. 40c.

Orange Shaggy Informal. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

Apricot Queen Double Apricot. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Lemon Queen Double lemon. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Masterpiece Large deep orange, brown center. Extra long stem. Pkt. 15c; $\frac{1}{2}$ oz. 40c.

Nankeen Double cream. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Orange King Florist's Giant Strain. Pkt. 15c; $\frac{1}{2}$ oz. 40c.

COLLECTION

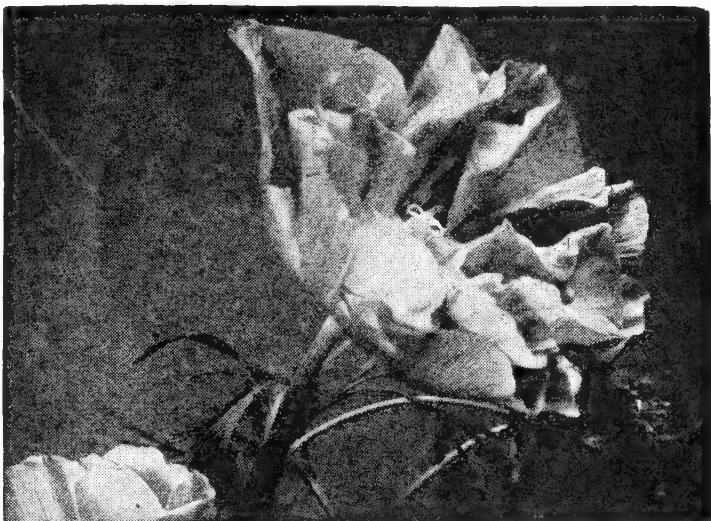
1 Pkt. each above seven varieties of Calendulas, value 85c, postpaid for.....

65c

FINEST MIXED CALENDULAS. Grand mixture of types and colors. Pkt. 10c; oz. 30c.

CALIFORNIA POPPIES

(*ESCHSCHOLTZIA*)



Brilliant Mixture Best kinds. Grand. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

Copper Bowl Bronzy-red terracotta. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Crocea Rich orange. Double. Wonderful. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Geisha Brilliant. Outside scarlet. Inside orange. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Golden West Orange. Single. Lovely. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Persian Rug Mixture Suggests a beautiful Persian rug. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Ramona Golden bronze - rose - copper. Frilled. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Salmon Beauty Beautiful salmon, inside and out. Award of merit, England. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Vesuvius Rich, glowing, striking red. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

California Poppy Collection

One packet each of all the above California Poppies (Value 85c).....65c

Calliopsis Showy flowers. Best colors, mixed. Pkt. 5c; $\frac{1}{2}$ oz. 20c.

Candytuft FINE MIXTURE. Pkt. 5c; $\frac{1}{2}$ oz. 25c.

GIANT HYACINTH-FLOWERED CANDYTUFT. Pure white. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Canterbury Bells

ANNUAL CANTERBURY BELLS

Bloom from seed in less than six months. Plants 2 to 2½ feet tall. 6 to 8 spikes of blooms.

ANGELUS BELL. Deep rose. Pkt. 15c.

LIBERTY BELL. Violet-blue. Pkt. 15c.

WEDDING BELL. Pure white. Pkt. 15c.

MIXED COLORS. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

Any Two 15c Pkts. for 25c

Biennial "Cup and Saucer" Type

DARK BLUE
LIGHT BLUE

ROSE
WHITE

Prices: Any color or all mixed, Pkt. 10c.

You're asking me? I hope to tell.
We HAVE the Canterbury Bell.
We sell the "Cup and Saucer" strain,
And annual kinds without a stain.

Hardy Carnation

Chabaud's Giants The new strain. Plants thickset; bearing large double blossoms.
COLORS: Red, Rose-pink, Salmon-rose, White. Separate colors: Pkt. 15c; 2 pkts. 25c. Mixed colors: Pkt. 10c.

MARGUERITE. Double fringed flowers. Fragrant. Mixed colors. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

Carnations thrive best under glass,
But can be grown with "garden sass."
In open garden they are grand,
And with protection, winters stand.

Castor Bean (*Ricinus*) Pkt. 10c; oz. 80c.

The Castor Bean makes quite a tree,
Now here's a tip I'll give you free:
Plant Morning Glories at its base,
The vines with blooms will upward race.

Cathedral Bells (*Cobaea Scandens*). Rapid, attractive climber. Lovely lilac bell flowers. Pkt. 10c.

Celosia OSTRICH PLUME. Feathered Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

Crested Coxcomb Dwarf plants with bright red combs of immense size. Pkt. 10c.



Columbine—Rocky Mountain

The State Flower of Colorado. Hardy perennial; sepals blue, petals white. Does best in partial shade. Plant early. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

Oh, Rocky Mountain Columbine,
Please be my lovely Valentine!

Columbine—Rainbow Blend

An unsurpassed strain in habit, vigor of growth, length of spur and size of flower. Brilliant colors. Pkt. 25c; $\frac{1}{8}$ oz. 60c.

Our Rainbow Columbines delight,
With spurs so long and colors bright.

Chinese Forget-Me-Not

Rich blue. Blooms from seed in short time. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

Some folks we know are kinda sot,
They'd never plant Forget-Me-Not.
But if they knew how quick these grow,
They'd plant the Chinese strain, I trow.

CLARKIA

Charming annual. Bushy plants 20 inches tall bear double flowers, resemble small carnations. Very pleasing for table bouquets. Buds will open after cutting, and last for days in vase.

Alba Long spikes, large double white flowers. Pkt. 10c.

Brilliant Fine rich crimson-scarlet. Pkt. 10c.

May Blossom Bright pink double. Pkt. 10c.

Purple Prince Rich deep purple. Pkt. 10c.

Orange King Bright orange-salmon. Pkt. 10c.

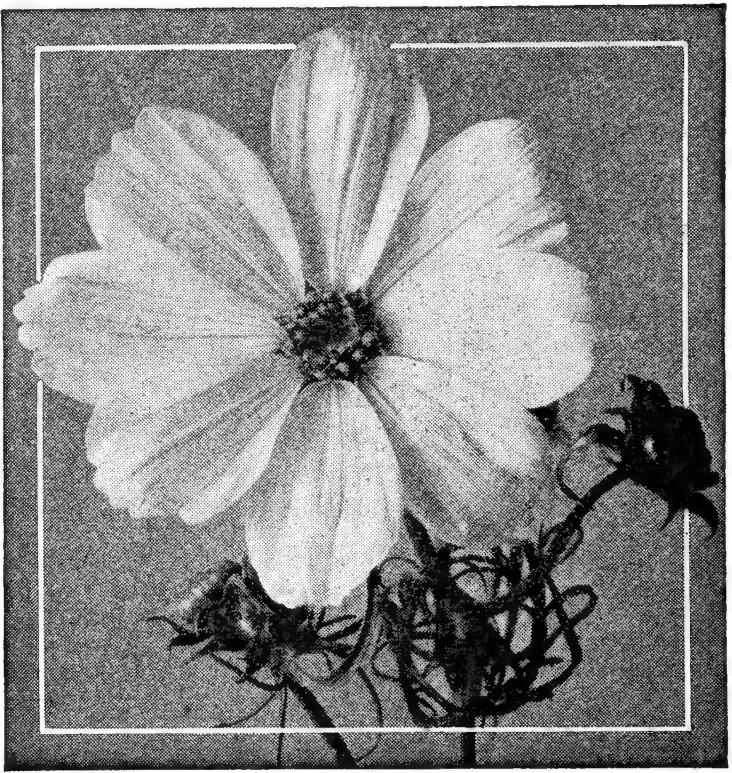
Salmon Queen Rich salmon-pink. Pkt. 10c.

Double Mixed Clarkia A fine mixture of rich Colors. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

The Clarkia makes a compact plant,
Its blooms cause folks to rave and rant.
Because indoors they last so long,
They make your life one glad sweet song.

Colorful Cosmos

(SENSATION Strain Is Especially Fine)



Sensation Pinkie A giant rose-pink. An early bloomer. Long strong stems. Pkt. 15c; $\frac{1}{4}$ oz. 25c.

Sensation Purity A colossal white similar to Pinkie except for color. Pkt. 15c; $\frac{1}{4}$ oz. 25c.

Sensation Crimson A new color in the super-size Cosmos. Pkt. 15c; $\frac{1}{4}$ oz. 25c.

Sensation Mixed Splendid. Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Orange Flare Early deep vivid orange. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Early Giant Early, large and a rapid grower. Comes in Pure White, Rich Crimson, Lovely Pink, or Mixed Colors. Pkt. 10c; 3 pkts. 25c; $\frac{1}{2}$ oz. 30c.

Special Collection

1 pkt. each. Pinkie, Purity, Crimson Sensation, Orange Flare (Value 55c)..... **40c**

Garden Gossip Galore

On the one hand, there has been so much said, and so well said, on How to Make Victory Gardens Like You and Do What You Want Them TO DO that anything I might attempt to add would be like gilding the lily, or something.

Writers got off to a flying start last season giving first aid to Victory gardeners, in books, magazines, the home town paper, radio, etc. I look for a much greater outpouring this season.

Perhaps I can serve best by suggesting some ways to unscramble this mass of information, tinged with misinformation, so as to utilize the data that applies to your own problem. And stop your worrying about countless things you are told to do, but are not of vital importance.

In the first place, relax. Don't get the idea that you can't grow a good garden even if you can not have the ideal conditions, the equipment, the knowledge possessed by old timer gardeners. On the other hand, don't think it's about all over but the shouting, when you have prepared the ground and planted the seeds.

Gardening is easy. It's fun! True, there are many things that should be learned and practiced, in order to get the best results. But, on the other hand, it's really amazing and certainly gratifying to note the worth-while results attained by inexperienced gardeners, even children, who make what would be considered great blunders, by others better informed. It's another case of "Ain't Nature Wonderful."

Nature comes along and patches up a lot of our mistakes. To be sure, the more we can learn about Nature's ways and methods, and co-operate with her, the better. But, let's shelve the idea that there is any great mystery about gardening. It isn't hard. It's easy. It's fun, when you catch the gardening spirit.

"Too many cooks spoil the broth" seems to apply to this matter of so many real as well as would-be experts pushing you around, telling you what to do and what not to do. Too many "schools of thought."

Take the matter of varieties, for example. Better stick to tried and true kinds that have a record of best results for the most gardeners. Too many writers stress planting of this or that—varieties that may have done well in some localities, under certain conditions.

Dahlia Don'ts

Don't plant before ground warms up. Gladiolus bulbs may be planted very early, but Dahlias are much more tender.

Don't plant the whole clump that you dug up last fall. Divide it so as to leave an eye or two on each tuber.

Don't plant tuber in upright position. Lay it flat instead. Cover about 4 inches.

Don't set tubers closer than 18 inches in row and rows closer than 2 feet.

Don't get the wrong idea about the size and value of a dahlia tuber. Different varieties make different size tubers. Pompon dahlia tubers usually quite small.

Don't forget your dahlias after planted. May need a little watering to bring them up. Begin hoeing soon as plants are up.

Don't cut dahlia blossoms during the heat of the day, if you can avoid it. Very early in morning or late in evening much better.

Don't think that dahlias will mix, planted close together. They will come true from divided clumps, but not from seed.

"Keep the Ball A-Rolling"

The old idea with many folks was to have one big spring gardening spasm, followed by spasmodic cultivation and let it go at that. But now, with garden space so valuable, and produce from the garden so expensive, and also more appreciated when it is fresh, we are learning how to get the greatest efficiency from our gardens.

Companion and succession crops are planned to use space to best advantage and for as long a portion of the season as possible.

Companion crops are early and late maturing kinds grown in alternate rows, so that when the early crop is off the late one may occupy the whole space for balance of the season. For instance, early radish, beets, lettuce, may go between rows of cabbage, tomatoes, squash or melons.

Succession crops are those following each other. The ground used for green onions from sets, radish, lettuce or early peas may be used after these crops are off for celery, late sweet corn, beans or turnips. Two, three or even four crops of some things may be grown one after the other in a season.

Finding Room for Flowers

Maybe you can find more room by spading up some of the neglected corners or waste places. Often a few feet along both sides of the lawn can be used—less grass and more flowers. As a rule, it is better to use such space, stolen from the lawn, along the sides or lot lines, rather than to have beds in the body of the lawn. However, this is a matter of personal preference and fitting the flower beds to the individual yard.

Often flowers can be worked in around the shrubbery. Tulips and other fall bulbs are especially adapted to this handling. Planting in borders or in groups, according to room and arrangement of shrubbery, will produce pleasing effects.

Then, again, drastic pruning of trees will help wonderfully in making two flowers bloom where but one bloomed before. Or, maybe none bloomed, because of too much shade.

How to Transplant Weeds

This is easy. It's a gift with some gardeners. Simply have the ground wet when you go forth to give the garden the once over. Cut the weeds off well under the roots, but don't scatter them about. Follow the hoe with your feet, packing the recently loosened soil as you go. Then to complete the job, turn the hose on before the soil has had time to dry out well after hoeing. This treatment is practically sure to leave a good stand of weeds, full of life and pep.

More About Elmohr

Under date May 15, 1944, one of the largest and best known Iris growers in the United States wrote me the following amazing report regarding how Elmohr, account of its heavy substance, can take it. Quote.

Elmohr came into bloom yesterday. About 4:00 p. m. a heavy storm came up. Heavy rain and strong wind. Kept that up all last night.

The poor Irises were torn off the stems in many cases. Some were blown out by the roots—no kidding.

Tonight I went out to view the wreck—and there stood ELMOHР, not one standard folded over. All erect and beautiful. The very same bloom as of yesterday.

If ever a miracle took place in my garden, that was it. And to top it all off, I think Elmohr is the biggest flower open in my entire garden. Unquote.



More About Elmohr
(See Page 17)

Colossal New Iris - ELMOH R A WM. MOHR SEEDLING

Originated in Colorado by Dr. P. A. Loomis. Introduced jointly, 1942, by Dr. Loomis and Long's Gardens.

Elmohr is robust, hardy, thrives anywhere. Foliage lush. Blooms immense.

Color, somewhere between Bishop's-purple and Mulberry-purple. A new wine-red color break in Wm. Mohr seedlings.

Highly praised by keenest of Iris judges and fans. One says, "Elmohr attracted every visitor to my gardens. A magnificent Iris."

Another says, "A fabulous Iris if there ever was one. Has my vote for the best variety seen anywhere in 1942."

Still another says, "Elmohr magnificent, with its immense, beautifully rounded, crisp and delectable flowers."

Price for 1945. Selected strong roots, to be shipped in July, or later if you wish. Each \$6.00, prepaid in U. S. and Canada only.

ORDER BLANK

THE J·D·LONG SEED COMPANY

BOULDER, COLORADO

Name..... Please write plainly

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COLORADO Customers: Please Add State Sales Tax. Thanks.

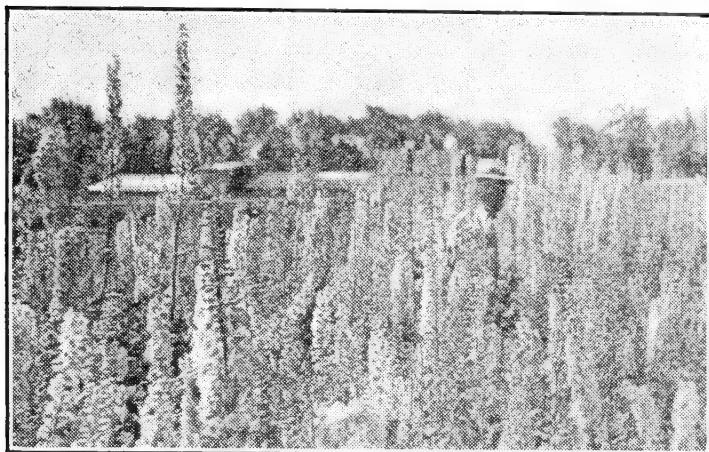
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*SHALL WE SUBSTITUTE? If cannot supply kind ordered, shall we send another, subject
to your approval? Your answer.....*

DOES YOUR NEIGHBOR WANT A CATALOG?

Please give name and address here:

HARDY DELPHINIUMS



Sow outdoors early in spring. Plants live over winter, increase in size and vigor.

The forms are as varied as the colors, many blossoms with a double set of petals, the two sets often different in color.

Pacific Giants Mixed

Huge flowers beautifully spaced on well branched spike. Thin woody stems. Practically all double. Mildew resistant to a large degree. Doubtless the most spectacular strain to date. **Mixed colors, in charming variety.** Pkt. 25c; $\frac{1}{8}$ oz. \$1.00.

Pacific Giants in Colors

White (Galahad) Lavender Shades
Clear Light Blue Dark Blue Shades
Any these 4 colors, Pkt. 35c.
SPECIAL: One Pkt. each the 4 for \$1.00.

Belladonna Turquoise-blue, single flowers. Pkt. 15c.

Bellamosum Like Belladonna but rich deep blue. Pkt. 15c.

J. D.'s Special Mixture

Seed from fine exhibition plants. Many types, colors and shades, including Pacific Giants. **Mixed:** Pkt. 20c; $\frac{1}{8}$ oz. 80c.

No Delphinium Plants

Grow your own plants by sowing the seed outdoors EARLY in spring. Many of the plants will bloom this season.

All Dels should bloom the second year,
But here's some news that's good to hear.
If sow the seed in EARLY spring,
Some blooms you'll pick first year, by jing.

Dahlia Seed LONG'S SPECIAL MIXTURE. Pkt. 25c.
LONG'S PROFESSIONAL MIXTURE. Seed saved from the finer varieties. Pkt. \$1.00.

African Daisies (Annual)

GOLDEN AFRICAN. Orange-gold with black zone around center. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

AFRICAN HYBRIDS. Many colors, mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Painted Daisies

These Painted Daisies (Single Annual Chrysanthemums) are splendid for cutting. **ALL COLORS MIXED.** Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Shasta Daisy White perennial. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Evening Primrose blooms from seed sown early spring to June. The large yellow, fragrant blooms open at twilight. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

Evening Scented Stock Beautiful lilla c flowers, emitting a delightful perfume in the evening. The seed pods have two "horns." Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Now if you crave a pleasant shock,
Sow seed of Evening Scented Stock.
Delightful fragrance yours each eve,
And funny seed pods blossoms leave.

Favorite Flax Flowers

Scarlet Flax (LINUM.) Bright red Annual. Pkt. 5c; oz. 35c.

Blue Flax (Perennial) About 2 feet high. Has dainty sky-blue flowers on graceful stems, in great profusion, over a long period. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Perhaps you're sad and feeling blue,
Then grow some Flax of that same hue.
Its blooms you see for many weeks,
May bring a smile back to your cheeks.

"Forget-Me-Not" Hardy perennial. Blooms first year. Color blue. Pkt. 10c.

Four o'Clock Good old-fashioned easy-to-raise flowers. Mixed colors. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

The Four O'Clock's a dual plant.
Try beat it for a hedge—you can't.
And when that hedge bursts into bloom,
For more these blooms there isn't room.

Fox Glove Tall perennial with spikes of vari-colored and spotted tube-like flowers. Pkt. 10c.

Gaillardia Portola Hybrids. Shades of bronzy-red, golden tipped. Very robust. Pkt. 10c.

Geranium Perennial blooming first year from seed if started early. Fine mixed. Pkt. 15c.

Geum (Mrs. Bradshaw.) Perennial. Double orange-scarlet flower. Pkt. 10c.

Geum (Lady Stratheden.) Flowers golden yellow. Pkt. 10c.

GODETIA

Annuals. Sow Out Doors

Dwarf Double Azalea-Flowered. Sow same as asters. Thin to foot apart. Each plant makes a bush about a foot high. The big, beautiful pink blossoms with deeper centers just about hide the plant. Pkt. 15c.

Tall Double Brilliant flowers are attached along the stem and open from bottom to tip of stem, something like the Gladiolus. Can be cut in bud.

CRIMSON **PINK** **ALL COLORS**
LAVENDER **WHITE** **MIXED**.

Choice, any color, or mixed; tall. Pkt. 10c.

Godetias—longies and in shorts—
We have in many colored sorts.
The dwarf Azalea-flowered type,
And tall, their blooms without a stripe.

GOURDS Galore

Small Gourds

PRICES: All Gourds (except Crown of Thorns) at Pkt. 5c; oz. 40c.

BICOLOR. Half green. Half yellow.
EGG SHAPED. Used as nest eggs.
FLAT STRIPED. Green and white stripes.
HORNED CUCUMBER. As named.
ORANGE. Color and shape of an orange.
PEAR SHAPED MIXED.
SPOON. Ball shaped. Long neck.
WARTED. Mixed colors and shapes.
SMALL MIXED. All shapes and colors.

Large Gourds

DIPPER. Grow your own dippers.
CALABASH. Pipe Gourd or Powder Horn.
DISH CLOTH. May be used like a sponge.
HERCULES CLUB. Enormous club-shaped.
LARGE MIXED. Variety of large sorts.

"CROWN OF THORNS"

Also known as Finger Gourd, Gourd of the Ten Commandments, Sugar Bowl. Pkt. 15c.

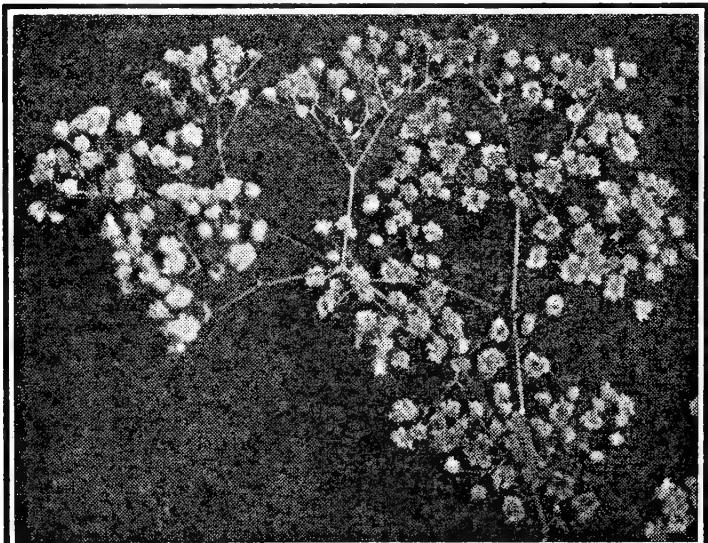
Gypsophila (Baby's Breath)

Let Baby's Breath, called "Gyp" for short,
Among your hardy plants cavort.
The annual strains in white and pink
Burst into bloom quite soon, I think.

Graceful plants with tiny fairy-like flowers.
For combining with sweet peas, etc.

ANNUAL WHITE. Sow this every few weeks
for constant supply. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

ANNUAL PINK. Same as above, but dainty
pink. Pkt. 10c; $\frac{1}{4}$ oz. 25c.



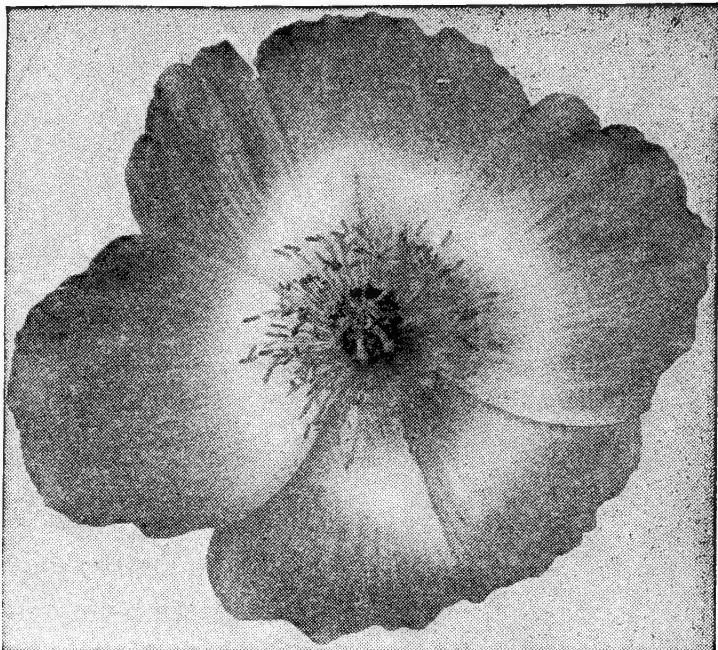
Double Gypsophila

PERENNIAL WHITE DOUBLE. About one-fourth come double flowers. Balance may be pulled out if not desired. The kind for drying for winter use. Pkt. 30c; 2 Pkts. 50c.

Jack be nimble. Jack be quick.
Jack pull weeds, before they're thick.

To learn a lot 'bout garden lore,
Talk not so much, but listen more.

Iceland Poppies



While Iceland Poppies are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts.

Useful for cutting, for which purpose pick when in bud. If the seed pods are picked off, they continue in flower the entire season.

Imperial Jewels Most outstanding Iceland Poppy to date. Yellow, orange, pink, salmon, rose, red, and pastel shades, hues of apricot, buff, etc. Flowers beautifully frilled and fluted, many semi-double, and all very large. Stems long, wiry and strong.
Pkt. 25c; $\frac{1}{8}$ oz. \$1.00.

"Pastel Shades" From New Zealand. A special mixture of pink, rose and pastel shades. Very lovely. Pkt. 25c; $\frac{1}{8}$ oz. \$1.00.

El Monte Deep tangerine-orange, distinct in color from other lovely varieties. Tall. Large. Pkt. 15c; $\frac{1}{8}$ oz. 60c.

Sanford's Giants A grand giant strain. Strong stems, giant blooms. Many lovely shades and tints, mixed. Pkt. 15c; $\frac{1}{8}$ oz. 70c.

Sunbeams (Mixed.) A cross between Shirley and Nudicaule types. Shades of orange, salmon, maize and other tints. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

Yellow Wonder Rich lemon-yellow, giant blooms, with vivid silky sheen. Long stems. Showy in garden. Lovely for cutting. Pkt. 15c; $\frac{1}{8}$ oz. 60c.

Iceland Poppy Collection

El Monte
Imperial Jewels
"Pastel Shades"
Sanford's Giants
Sunbeams, Mixed
Yellow Wonder

ONE PKT. EACH
(Value \$1.05) for

80c

The Iceland Poppy, dainty, frilled,
Doth thrive in heat, or weather chilled.
It blooms and blooms, then blooms some more,
And smiles at you, near your back door.

Kochia Foliage turns red in fall. Also called Mexican Fire Bush. (In some sections this spreads and becomes a pest.) Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Double Hollyhocks

Plant April to June. Bloom second year.
BLACK **NEWPORT PINK**
***COLORADO SUNSET** **RED (Grand)**
LILAC BEAUTY **WHITE**
MAROON **YELLOW**
 *“Colorado Sunset.” A creamy-copper blend.
 Prices: Any color or mixed, **Pkt. 10c; 3 Pkts. 25c; 1/4 oz. 50c.**

Annual Hollyhock

Indian Spring A new true annual Hollyhock. The semi-double blooms range from pale pink to crimson-rose. Mixed. **Pkt. 15c; 2 pkts. 25c.**

Baby Snapdragons

(Linarias—Annual)



The dainty flowers resemble miniature Snapdragons. Blooms 8 weeks from seed. Thin to 8 inches.

EXCELSIOR, MIXED. Colors range through crimson and gold, pink, mauve, dark blue and chamois and rose. **Pkt. 10c.**

FAIRY BOUQUET. Greatly improved by more compact growth, and extra large flowers of a great variety of distinct colors. Very quick to bloom. Lovely mixture. **Pkt. 15c.**

Linarias, called “Baby Snaps,”
Are liked by all, yes, even saps.
They bloom while you are reading books,
Or, on the air, hear “Baby Snooks.”

Love-In-A-Mist (Nigella.) Rich blue double flowers amid feathery foliage. **Pkt. 10c.**

Marigold Legion of Honor. (Little Brownie.) Dwarf. Red and Gold. Single. **Pkt. 10c; 1/4 oz. 25c.**

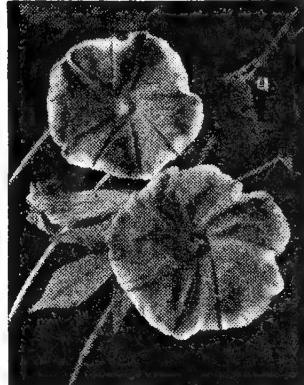
Mignonette **SPECIAL MIXTURE.**
Fine. **Pkt. 5c; 1/4 oz. 25c.**

Li'l Ferdinand jest set and set,
And smelled the fragrant Mignonette.

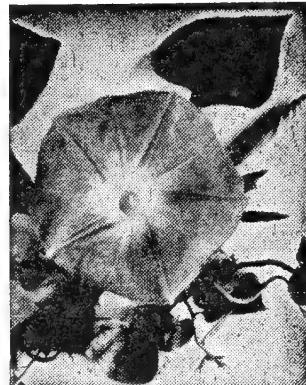
Ono's “Hit or Miss” A “Surprise” mixture of many kinds flower seeds—as one customer said, “It's all hit and no miss.” Something new nearly every day after begins to bloom. Makes a hit with all who try it. **Pkt. 10c; 1/4 oz. 30c; 1/2 oz. 50c.**

Here's something nice for ma and sis,
It is our famous “Hit-or-Miss.”
Each morning something new is seen
That pleases gals—and Harold Teen.

Mammoth Meandering Morning Glories



Cornell



Heavenly Blue

Mammoth “Heavenly Blue”

The most popular giant Morning Glory. Clarke's Early Strain, developed at Denver, is the kind we offer. The seed is produced here, a mile above sea level, thus retaining this early blooming trait. It's immense. And beautiful. **Pkt. 10c; 1/2 oz. 50c.**

Mammoth New White

A sport from Mammoth “Heavenly Blue.” Same in every way, except color. Early. **Pkt. 15c; 2 pkts. 25c; 1/4 oz. 40c.**

Mammoth “Cornell”

Color, red with white border, the colors of Cornell University—good old Cornell! **Pkt. 10c; 1/4 oz. 35c.**

Mammoth Crimson Color, red with white throat. Vigorous free bloomer. Large. **Pkt. 10c; 1/4 oz. 25c.**

Mammoth “Scarlett O'Hara”

The large flowers are freely produced on fast growing vines. **Pkt. 10c; 1/2 oz. 40c.**

Scarlett O'Hara Morning Glory—
This calls to mind a Southern story.
It's here right now, not gone with wind.
Our seed is good, it never sinned.

Mammoth “Pearly Gates”

“Something NEW Has Been Added”
Shining all-white. Enormous flowers. **Pkt. 20c.**

Red, White and Blue—25c

VICTORY COLLECTION. One pkt. each Mammoth Crimson, Mammoth White and Heavenly Blue. The 3 for 25c.

45c “Glory” Collection

One Pkt. Each:	
Scarlett O'Hara	Cornell
Heavenly Blue	Mammoth Crimson
Mammoth White	Rose Marie

Total Value, 65c. Special 45c for all.

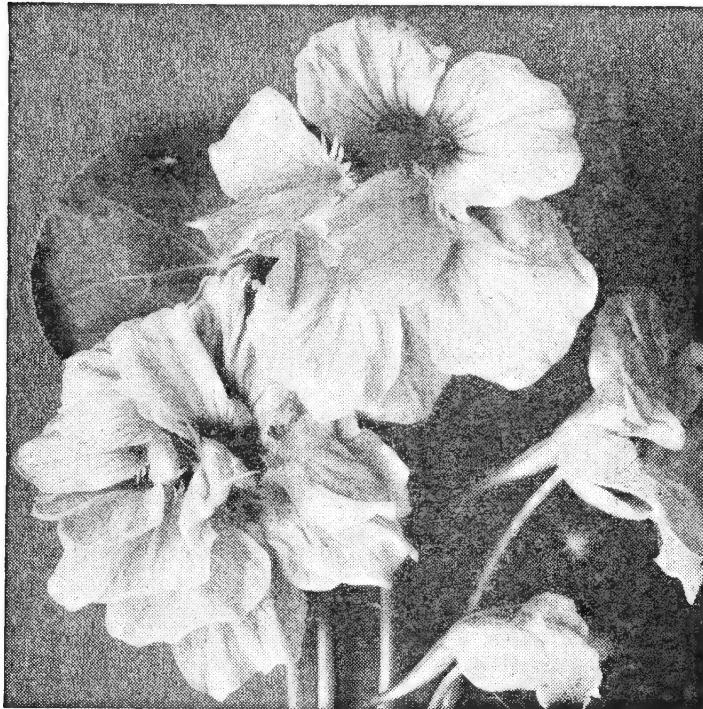
Double “Rose Marie”

Deep rose Morning Glory of medium size.
Pkt. 10c; 3 pkts. 25c; 1/4 oz. 30c.

Tall Mixed Fine mixed Morning Glory.
Pkt. 5c; oz. 20c.

Dwarf Mixed Good for beds or borders.
Mixed. **Pkt. 5c; oz. 25c.**

Sweet Scented Double Nasturtiums



Golden Gleam

The original sweet scented double Nasturtium. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

Mahogany Gleam

Dark Mahogany red of unusual color. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

Salmon Gleam

A delicate golden salmon. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

Scarlet Gleam

Immense blossoms of fiery orange scarlet. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

Double Gleam Hybrids

A grand and glorious mixture. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

Golden Gem

A vivid golden yellow. Plants dwarf and compact. Double. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

Ruby Gem

Dwarf, compact plants covered with large, double, sweet-scented, bright ruby colored flowers. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Double Gem Mixture

Dwarf, compact plants. Sweet-scented blooms. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

Nasturtium Collection

1 Pkt. each

of the above 8 kinds. 80c value, postpaid for.....

65c

Nasturtium colors are a riot

When plants are put upon a diet.

Rich soil produces lots of vine,

But blooms are less, and lack that shine.

Nasturtiums, Tall—Single

Mixed. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 50c.

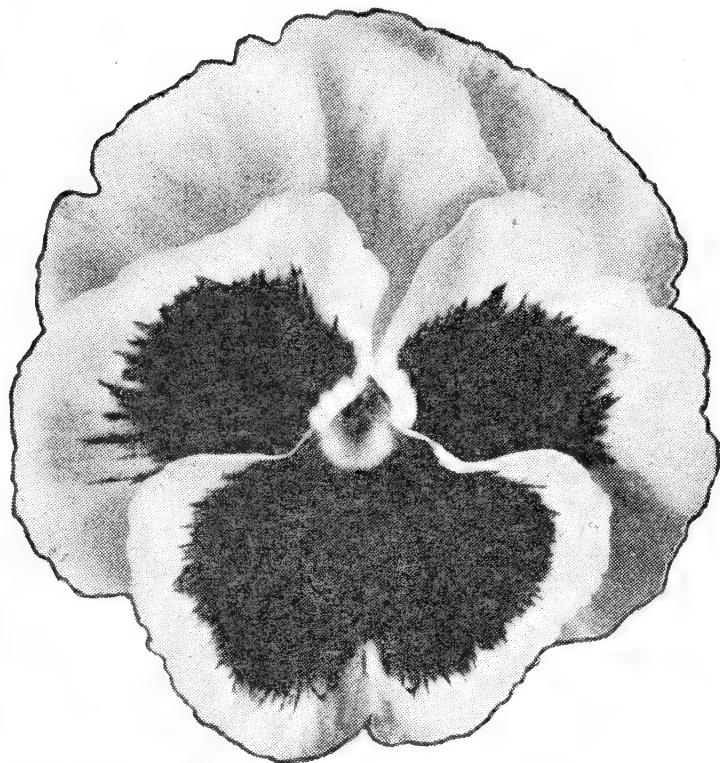
Nasturtiums, Dwarf—Single

Mixed. Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 50c.

Nicotiana (FLOWERING TOBACCO PLANT). Pkt. 10c.

Super Pansies

Our Mile High Pansies are a sight!
So big, so colorful and bright.



Canadian Giants

(Improved Maple Leaf.) Leaves large and lush. Gigantic blooms, mixed. Pkt. 25c; $\frac{1}{8}$ oz. \$2.00.

Engelmann's Giants

Mammoth. Charming. Colors mixed. Pkt. 25c; $\frac{1}{8}$ oz. \$1.80.

Geneva Giants

A super strain of the Swiss Giant type mixed. Pkt. 25c; $\frac{1}{8}$ oz. \$1.90.

JD's Super-Giants

A well balanced mixture of our best mammoth strains. Pkt. 25c; 1/16 oz. 90c; $\frac{1}{8}$ oz. \$1.60.

Mile-High Mixed

Developed in Colorado. A winner in every state. Sturdy plants. Colossal blooms. Pkt. 25c; $\frac{1}{8}$ oz. \$2.10.

Mile-High Yellow

The only separate color in Mile-High strain. Immense, with dark center. Pkt. 25c; $\frac{1}{8}$ oz. \$2.20.

Swiss Blue

Distinct and beautiful. Centers darker. Pkt. 20c.

Swiss Reds

Cardinal and garnet shades. Pkt. 20c.

Swiss White

A much needed giant pure white. Pkt. 20c.

Swiss Yellow

Lovely gold and yellow shades. Large. Pkt. 20c.

Swiss Mixed

Many fine colors. Pkt. 20c; $\frac{1}{8}$ oz. \$1.55.

Special Pansy Offers

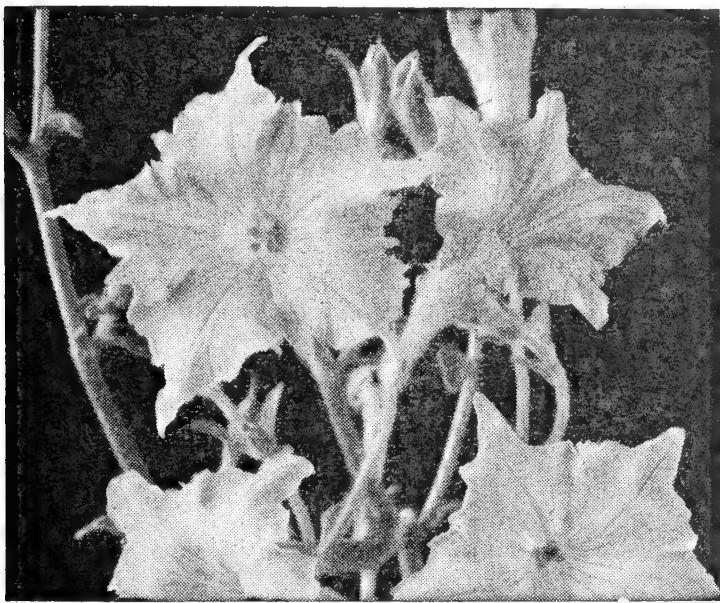
(Alike or Assorted)

Five or more 25c Pkts. at 20c each.

Five or more 20c Pkts. at 15c each.

SUPERB PETUNIAS

Petunias short, Petunias tall,
They bloom and bloom till late in fall.
We have the largest that are grown,
As well as smallest ever known.



Hollywood Star 5 point star form.
Rich rose. Pkt. 15c.

Topaz Rose Vivid rose, suffused gold,
topaz throat. Pkt. 15c.

Rosy Morn Soft, rose-pink, light throat.
Pkt. 10c.

White Queen Similar to Rosy Morn.
White. Pkt. 10c.

Rose of Heaven Similar to Rosy
Morn but deeper
pink. Pkt. 10c.

Violet Petunia Beautiful deep violet.
Pkt. 10c.

Miniature "Rose Gem" Compact.
Pkt. 15c.

Martha Washington The plant
grows about
9 in. tall. Blush pink. Center veined rich
wine red. Throat dark violet. Pkt. 25c.

Balcony Petunias

Balcony White, Balcony Blue, Balcony Rose,
Balcony Crimson, Balcony Mixed.
Any color or mixed: Pkt. 10c.

Giants of California

Wonderful colors and markings! Some de-
lightfully ruffled and frilled. Pkt. 35c.

Choice Mixed Splendid mixture. A
stunning array of
colors. Pkt. 10c; 1/16 oz. 40c; 1/8 oz. 75c.

Pinks (DIANTHUS.) Hardy sweet
scented annuals. Finest of all pinks.
Great variety of colors. Pkt. 10c.

Seeds for Rock Gardens

Rock Garden Seeds. Annuals, in mixed vari-
eties and colors. Pkt. 10c.

Rock Garden Seeds. Perennials, in mixed
varieties and colors. Pkt. 20c.

Lovely Annual POPPIES

AMERICAN LEGION. Dazzling orange-scar-
let; very large. An improved "Flanders."
Pkt. 10c; 1/4 oz. 25c; 1/2 oz. 40c.

SHIRLEY. Single. Mixed. Pkt. 10c; 1/4 oz. 25c.

DOUBLE SHIRLEY ROSE. Pkt. 10c.

DOUBLE SHIRLEY SALMON. Pkt. 10c.

DOUBLE SHIRLEY MIXED. Pink, lavender,
purple, crimson, etc. Pkt. 10c; 1/4 oz. 30c.

Oriental Perennial Poppies

Huge, brilliant flowers during May and June
on plants 3 ft. tall. Color of flowers not 100%
true from seed.

ORIENTALE. Bright orange-scarlet with
purplish black center. Pkt. 10c; 1/8 oz. 25c.

SALMON SHADES. New. Very large blooms.
5 to 6 inches. Vigorous grower. 40 inches.
Salmon-pink shades. Pkt. 20c.

CHOICEST MIXED. Fiery red, scarlet, crim-
son, orange-scarlet, salmon and other colors
mixed. Pkt. 10c.

NOTICE: With foreign opium sources
cut off by war, Uncle Sam says
cut out Carnation and Peony-flowered kinds,
which teem with this drug.

**Portulaca (ROSE MOSS.) SINGLE
MIXED.** Pkt. 10c; 1/8 oz. 25c.

Portulaca FINE DOUBLE MIXED.
Pkt. 15c.

Novelty Portulaca—JEWEL

An extremely large flowered strain of
glowing rich crimson. Very free flowering,
producing a most striking and distinctive
effect. Pkt. 25c.

Salpiglossis (VELVET TRUMPET.) Very showy plant with
trumpet-shaped blossoms in rare combina-
tions of color, beautifully marbled and pen-
ciled. Mixed colors. Pkt. 10c.

Salvia (SCARLET SAGE.) Standard bed-
ding plant where brightness of
color is wanted. Fiery red spikes. Pkt. 15c.

Hardy Perennial Blue Salvia

SALVIA AZUREA. 3 to 4 feet. Sky-blue. Blooms
first year if seed sown early. Pkt. 20c.

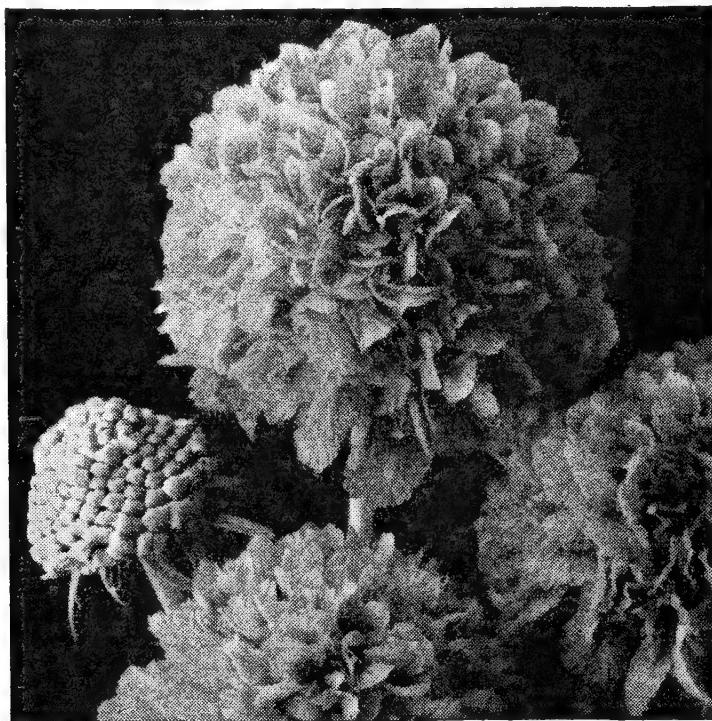
ANNUAL PHLOX

Salmon Glory The flowers are unusu-
ally large, up to 1 1/4 or
even 1 1/2 inches across. (Thin to 12 inches
for best results.) The color is pure salmon-
pink, with creamy-white eye, one of the most
beautiful combinations ever seen. Pkt. 20c.

Art Shades Blossoms very large, up
to 1 1/2 inches, are pro-
duced on strong trusses of bushy plants.
Grand range of pastel colors—salmon, apple
blossom, rose, light blue, and other art
shades. Pkt. 25c.

Grandiflora Mixed. Pkt. 15c.

SCABIOSA IMPERIAL GIANTS



"Blue Moon" The very large well-formed double flowers are composed entirely of broad frilly petals. Tall upright plants, long heavy wiry stems. Fine for cutting. **Pkt. 20c.**

Loveliness Shades of rose and salmon. **Pkt. 10c; 1/4 oz. 30c.**

Orchid Shades Large, exquisite. **Pkt. 20c; 1/4 oz. 50c.**

Rosette Giant deep rose. **Pkt. 15c; 1/4 oz. 50c.**

Shasta Enormous snow white. **Pkt. 10c; 1/4 oz. 25c.**

Salmon Beauty Huge. **SALMON.** **Pkt. 15c; 1/4 oz. 60c.**

Giant Hybrids Giant flowers, mixed. **Pkt. 10c; 1/4 oz. 40c.**
(All Scabiosas Above Are Annuals.)

COLLECTION

One Pkt. each above 7 Scabiosas, value \$1.00, postpaid for—

60c

All are extra large, and include the cream of colors in this Giant Rust-proof Strain. They bloom first year from seed, as well as second.

ALASKA. New white. **Pkt. 15c.**

CANARY BIRD. Yellow. **Pkt. 15c.**

LOVELINESS. Rose pink. **Pkt. 15c.**

BONFIRE. Rich scarlet. **Pkt. 15c.**

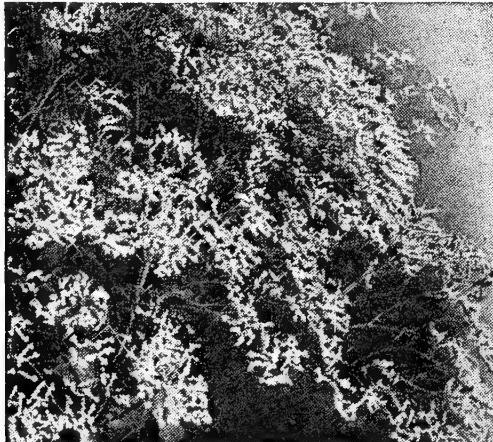
COPPER SHADES. Many shades from copper-orange to coppery-gold. **Pkt. 15c.**

PINK SHADES. Pure shade of pink. **Pkt. 15c.**

SALMON SHADES. New colors. **Pkt. 15c.**

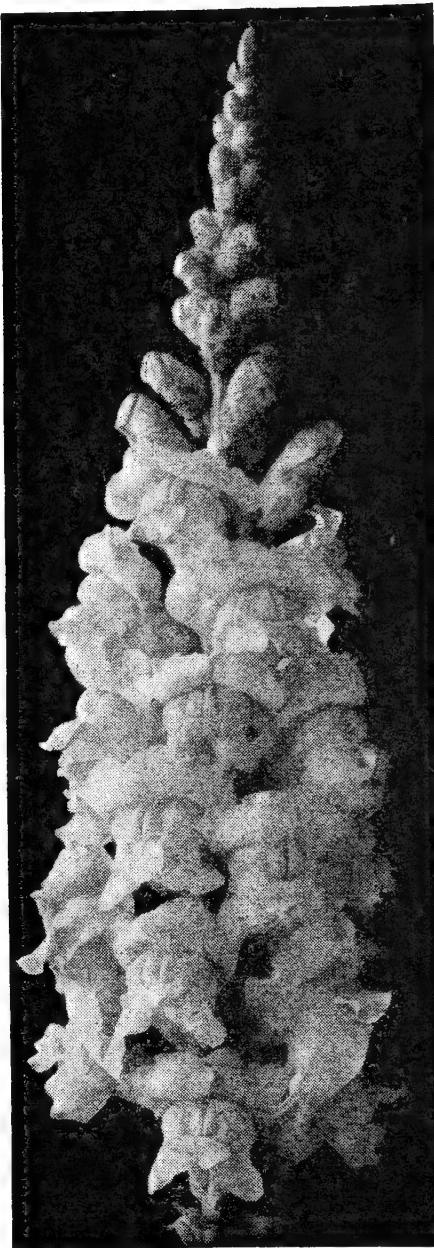
SUPER GIANT MIXED. Rustproof. **Pkt. 10c.**

STATICE (Sea Lavender)



Latifolia. Airy light blue. Known also as lavender Baby's breath. Fine for combining with other flowers, especially with Glads. **Pkt. 10c; 1/8 oz. 35c.**

Super Giant RUST-PROOF Snapdragons



COLLECTION

1 Pkt. each of the above 7 Snapdragons (the named kinds), value \$1.05, postpaid for.....

70c

If you are feeling sad and sobby,
Then start at once some sort of hobby.
Beat your friends a'growing flowers,
Work and sweat, then take your showers.

"Straw Flowers"



(EVERLASTING FLOWER)

(*Helichrysum*.) Very ornamental in garden, easily grown from seed sown outdoors. Particularly valuable for winter bouquets.

Important: Cut the flowers when partly open. Hang them up dry in dark place.

PRICES: Any color, or all mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

GOLDEN GLOBE. Large, golden yellow.

SILVER GLOBE. Chaste, silvery-yellow.

ROSE-CARMINE. Shades of rose.

"CHRISTMAS RED." Very popular color.

ALL KINDS MIXED. Splendid.

I wonder who put straw in flowers,
You hang them up in darkened bowers.
They keep their girlish charms and forms
Through winter's cold and blasting storms.

ROYAL SWEET SULTANS

(*Centaurea Imperialis*)

Finest of all Sweet Sultans for cut flower purposes. Charming for garden also.

The beautiful sweet-scented flowers, on long strong stems, will keep several days when cut.

Seed may be sown in the open garden after ground warms up, but longer season of bloom will be enjoyed if plants are started indoors.

AMARANTH RED RICH PURPLE
BRILLIANT ROSE PURE WHITE
MANY COLORS MIXED

Any color or mixed, Pkt. 10c; ($\frac{1}{4}$ oz. 30c).

Sweet Sultan Collection
ONE PKT. EACH
THE 4 COLORS FOR 30c

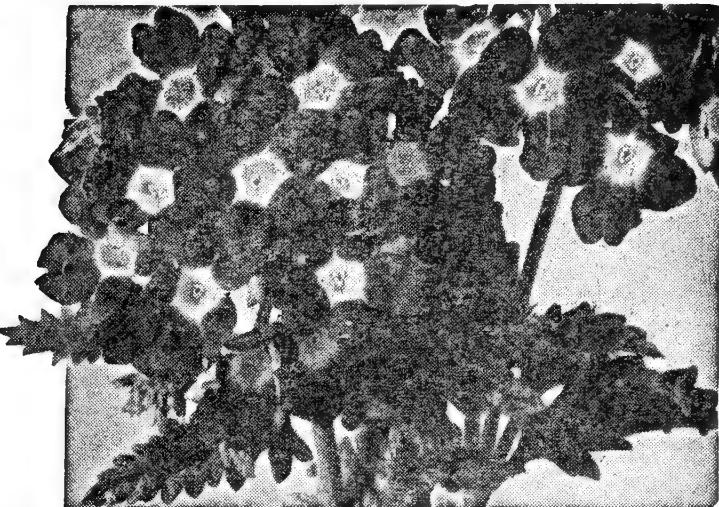
Sweet Sultans, all so nice and fuzzy,
They make you feel so kinda wuzzy.
They're nice right out in hottest sun,
Indoors their colors never run.

"Chrysanthemum-Sunflower"

Rich golden yellow flowers, 5 to 8 inches, fully double, that rival gorgeous dahlias in size and splendor. Petals beautifully quilled.

Many branches, each carrying a gorgeous golden flower. Pkt. 10c.

Vivid Verbenas



"Easy to Grow, Make a Big Show"

GIANT MIXED. Pkt. 10c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c.

GIANT LAVENDER. (Lavender Glory.) True lavender with white eyes.

GIANT PINK (*Luminosa*.) Luminous flame pink, shading to salmon.

GIANT RED. (*Lucifer*.) Vivid scarlet.

GIANT ROYAL BLUE. (*Royale*.) Royal blue, with creamy yellow eye.

GIANT WHITE. (*Waller-Franklin*.) Large.

GIANT VIOLET. Deep violet with white eye.

PRICES: Any above 6 kinds: Pkt. 15c.

Verbena Collection

One pkt. each of the 6 varieties for 60c.

'Tis hard to make Verbenas rhyme
So I'll not try just that this time.
But if you like them bright and big
Then sow the kinds we list, by jig !

Sweet Williams

SINGLE MIXED. Pkt. 5c; $\frac{1}{4}$ oz. 30c.

DOUBLE MIXED. (Not all come double.) Pkt. 10c.

Johnson's Giants Very large. Pkt. 15c.

Annual Wall Flowers

Fragrant flowers in many bright colors.

WALL FLOWER. "Gold Standard." Deep double golden yellow flowers. Pkt. 20c.

WALL FLOWER, DOUBLE MIXED. Many pleasing colors. Pkt. 15c.

Wild Cucumber A quick-growing annual—30 feet in a season. Soak seed in warm water 24 hours. Pkt. 10c; oz. 30c.

The "Cuke" that's known as wild grows fast,
And shades the porch till summer's past.
The seed pods set so full of stickers
Should not be sat upon in knickers.

If Sow Flower Seeds in Fall

Wait until very late in fall if seeds not sown before Sept. 10th. Now this is the important idea, and for the sake of your own success, don't miss it. The idea is to sow the seed so late that it will not start to germinate before Spring. Keep mulling that over in your head and you will at least start right.

Giant Flowered Spencer SWEET PEAS

If plant Sweet Peas in EARLY spring,
About the time the robins sing,
You'll get the best results, I know,
Because the roots will deeply grow.

PRICES. All Sweet Peas.... **Pkt. 10c**

3 Pkts. 25c; 4 Pkts. or more @ 8c Pkt. (Pkts. may be alike or assorted, your selection.)

Ounce 30c; 2 Oz. 50c; 5 Oz. \$1.00.

(Not less than Oz. of a kind at Oz. prices)

AUSTIN FREDERICK. The best lavender.

BONNY BRIAR. Rose-pink, of immense size.

BRIDAL VEIL. Pure clear white. Black seeded. Stands early planting.

GRAND SLAM. Large cerise-scarlet.

FLAGSHIP. True clear deep navy-blue.

HEAVENLY BLUE. Brilliant delphinium-blue.

HEBE. Very large, rich pink.

JUMBO. Deep cerise. Immense.

LADY MACBETH. Red, shaded salmon.

MARY PICKFORD. Cream-pink, and salmon.

MISS CALIFORNIA. Salmon cream-pink.

PINKIE. Rich rose-pink.

REDBOY. Rich crimson.

WELCOME. Bright dazzling scarlet.

YOUTH. White, edged pink.

FLUFFY RUFFLES. Dainty cream-pink. Wonderfully frilled and ruffled.

LADY RUFFLES. Exquisite soft pink on white ground. Scottish Gold Medal.

RUFFLED BEAUTY. Cream-pink with a sheen of bright lilac. Charming effect.

RUFFLED CARMINE. Bright carmine-rose. Frilled and ruffled. Long stems.

RUFFLED ORCHID. Lavender-rose with pastel-mauve sheen.

RUFFLED PRIMROSE. The new ruffled black-seeded cream or primrose.

RUFFLED ROSE. Exquisite ruffled blooms of soft, rich rose color.

RUFFLED WHITE. New ruffled white mostly with duplex and triplex standards.

RUFFLED COLLECTION. One Pkt. each of the 3 Ruffled Spencers, 60c.

GIANT RUFFLED MIXED. Pkt. 10c; Oz. 30c.

"Early Bird Spencers"

They bloom extra early. Large blossoms.

AMETHYST. Rich royal purple.

AVIATOR. Dazzling crimson-scarlet.

GLITTERS. Bright fiery orange.

LAVENDER KING. True lavender.

SHIRLEY TEMPLE. Soft rose-pink.

SNOWSTORM. Best early White Spencer.

ZVOLANEK'S ROSE. Giant rose-pink.

"EARLY BIRD" MIXED. Pkt. 10c; Oz. 30c.

Anemone Bulbs Several flower stems come from a small bulb. Bright colors in mixture.

MONARCH DE CAEN. Very favorite strain. Immense brilliant flowers. 5 for 30c; 10 for 45c; 25 for \$1.00. Prepaid.



"Lovely 'Leven" Spencers

'Leven Packets Lovely Spencers, 70c. For "good measure" a Pkt. of Shirley Temple, all for 70c. (Our selection of kinds.) Just say, "Lovely 'Leven, for 70c."

Larger lots "Lovely 'Leven." Half ounce each of these 'leven Spencers, with one Pkt. Shirley Temple, extra, for good luck for \$1.40.

The lovely frilly Spencer Peas
Are not expensive, if you please.
Our LOVELY 'LEVEN'S priced so low
That you can have a great big show.

"33-in-1" Spencer Mixture

Pkt. 10c; Oz. 25c; 1/4 Lb. 75c; Lb. \$2.00

Nitragin Bacteria tends to improve germination and growth of Peas, Corn. Pkg. 10c.

One secret in growing finest sweet peas is getting them into well-prepared ground rather early in the spring. True, later plantings often do well, but the sweet pea thrives best under rather cool, moist conditions.

Stocks "Cut and come again" fragrant annual. Profuse bloomer.

DWARF LARGE TEN WEEKS STOCKS.

BLOOD RED **PEACH BLOSSOM**
CARMINE PINK **WHITE**
LAVENDER **MIXED COLORS**

Your choice any color or mixed. Pkt. 10c

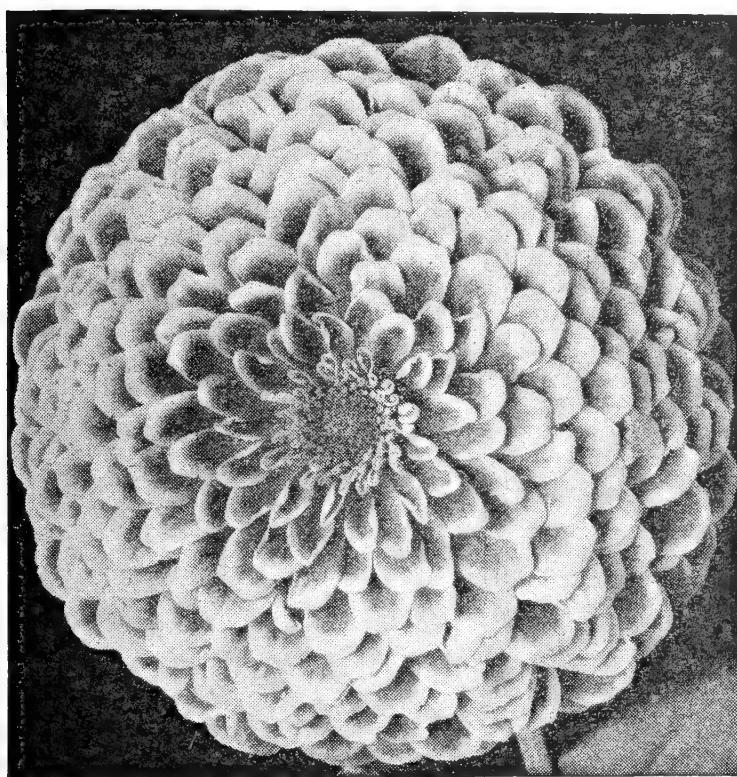
Ranunculus Bulbs Flowers two inches or so in diameter, many of them double.

TELECOTE GIANTS MIXED. Bulbs scarce. 5 for 35c; 10 for 65c; 25 for \$1.50. Prepaid.

ZINNIAS

Packet Zinnia Prices

All Zinnias on This Page, Pkt. 10c, 6 or more Pkts. at 8c.
(Alike or Assorted)



Dahlia-Flowered Zinnias

CANARY BIRD. Immense primrose.
CRIMSON MONARCH. Gigantic red.
DREAM. Deep lavender, turning purple.
EXQUISITE. Light rose, center deeper.
GOLDEN DAWN. Golden-yellow on brown.
ORIOLE. Orange and gold bicolor.
POLAR BEAR. Pure white. Very large.
SCARLET FLAME. Bright scarlet-orange.
MIXED DAHLIA-FLOWERED. Above mixed.

Long's Mammoth Zinnias

(Also called California Giants)

BRIGHTNESS. Bright pink, lovely.
LAVENDER GEM. Deep lavender.
ORANGE QUEEN. Golden orange.
PURITY. Biggest white.
SALMON QUEEN. Salmon-rose.
SCARLET GLOW. Deep scarlet.
VIOLET QUEEN. Deep purple.
MIXED MAMMOTH. Above, mixed.

Mastodon Mixed Zinnias

Dahlia-Flowered and Mammoth Mixed.
Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c; oz. 60c.

Since Grandma's flower garden days,
The Zinnia's changed, in many ways.
The kinds that last so long when cut,
Are "Tiny Tim" and Lilliput.

ALL DAHLIA FLOWERED
ALL LONG'S MAMMOTH
MASTODON MIXED
ALL LILLIPUTS
ALL CUPIDS

Howard's Giant Crested

Almost all colors known to Zinnias in this new type. Shades of orange, scarlet, yellow, rose, maize and crimson predominate.

Not all bloom true to type, yet. Pkt. 10c.

David Burpee Zinnia

Giant Quilled Zinnias. Pastel shades predominate. Pkt. 10c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 70c.

Red Zinnia—"Will Rogers"

A fine giant scarlet-red of unusual brilliance in the popular Dahlia-flowered giant type. Pkt. 10c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 75c.

Fantastic "Fantasy" Zinnias

Fantasy is a happy-go-lucky, shaggy type. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Fantasy Zinnia—"Wild Fire"

Vivid "Ragged-Red." Brightens up the garden like nobody's business! Pkt. 10c; $\frac{1}{4}$ oz. 45c.

Lilliput (Pompon) Zinnias

Small, compact flowers on strong stems. Fine for cutting. Keep long time.

CANARY YELLOW. Fine for cutting.

RED RIDING HOOD. Bright scarlet.

SALMON-ROSE. Loveliest of all.

ROSEBUD. Bodger's rose-pink.

VALENCIA. A real deep burnt orange.

WHITE GEM. Best white Lilliput.

MIXED LILLIPUTS. Above, mixed.

Lilliput Pastel Shades

Apricot, peach, creamy yellow salmon, rose, orchid, mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 75c.

Darling Cupid Zinnias

Compact plants about 1 ft. tall. Double flowers, about 1 in. Very floriferous.

TINY TIM. Glowing shade of brilliant scarlet.

PIXIE. Very attractive bright yellow.

SNOWDROP. Pure clear white.

ELF. Fascinating shades of carmine.

CUPID MIXTURE. All colors, mixed.

Mexicana Zinnias

Small semi-double flowers, mixed colors from yellow to mahogany-red. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

60c Zinnia Collection

Giant Pastel
Dahlia Fl. Mixed
Mammoth Mixed
Giant Crested

David Burpee
Mastodon Mixed
Will Rogers
Fantasy Wild Fire

ONE PACKET EACH FOR 60c.

For more than thirty years in all,
We've sent our booklets, spring and fall.
Three million catalogues we've mailed,
In all that time, few seeds have failed.

Zinnias Priced by Weight

	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.
ALL DAHLIA FLOWERED	\$0.35	\$0.60	\$1.00
ALL LONG'S MAMMOTH	.35	.60	1.00
MASTODON MIXED	.30	.50	.90
ALL LILLIPUTS	.30	.50	.90
ALL CUPIDS	.40	.70	1.30

"Will Rogers" Zinnia, scarlet red, stands out most bright in flower bed.

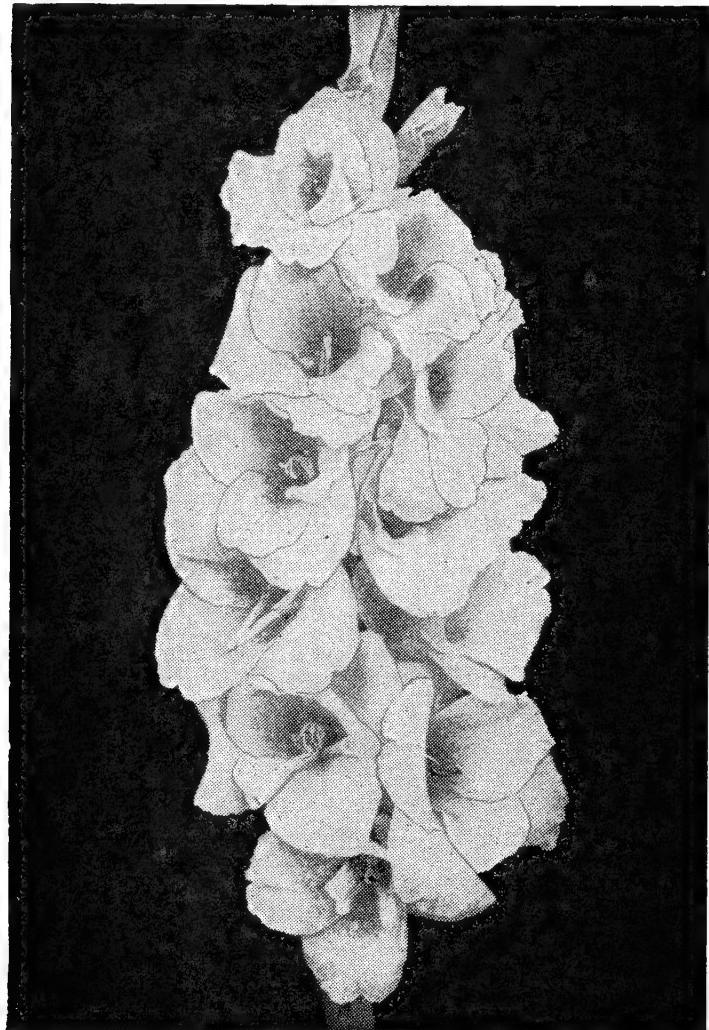
**CHOICE NAMED VARIETIES of These Prices Prepaid
GLADIOLUS Bulbs Plainly Labeled**

Prices, Terms, Delivery

TERMS: Cash with order, or $\frac{1}{4}$ cash with order, balance C. O. D. Or send $\frac{1}{4}$ with order and balance any time before shipment.

DELIVERY: (Except wholesale lots.) We pay all postage or express charges, and guarantee safe delivery. (Our choice, whether parcel post or express.)

Smallest Item 10 Cents



New Zealand Splendor

Probably the best Glad introduced into U. S. A. from New Zealand.

The plant and spike sturdy and strong. Blooms large. Many open.

The color is medium pink, with throat blotch of orange-scarlet. The shade varies somewhat, depending on soil and weather.

The florets set close to the spike, and are well faced and spaced.
(L 1—15c; 10—\$1.40) (M 3—25c; 10—75c).

Second Choice, Please

Sooner or later, some kinds and sizes of Glad bulbs will be sold out. Saves correspondence and time if you name second choice.

Sizes of Glad Bulbs

The **LARGE BULBS** measure (in diameter) from $1\frac{1}{4}$ inches up, mixed sizes. (Part No. 1 and part No. 2 sizes.) This size is designated by the letter "L".

The **MEDIUM BULBS** measure $\frac{3}{4}$ inch to an inch or larger, mixed sizes. (Part No. 3 and part No. 4 sizes.) These Medium Bulbs bloom splendidly, though the large bulbs make still larger spikes and more of them. Medium bulbs are designated by the letter "M".

NOTE: If sold out No. 1 size, we may send all No. 2 for Large, but more of them. If out No. 3, will send all No. 4 but more of them. Usually have enough so can send as noted above, however.

No other kinds and sizes than listed in this catalogue. No bulblets.

We ship bulbs all winter. Safe delivery guaranteed. You take no risk.

Aladdin (Palmer) Big, bright salmon, with cream blotch.
(L 2—25c; 10—\$1.10) (M 2—16c; 10—70c).

Algonquin (Palmer) Brilliant glowing red. Very large and fine.
(L 2—25c; 10—\$1.10) (M 2—16c; 10—70c).

Amrita (Palmer) Shades of capucine buff, yellow throat, ruffled.
(L 1—10c; 10—90c) (M 2—14c; 10—60c).

Amulet (Palmer) Heavily ruffled buff, sometimes tinged with pink.
(L 1—10c; 10—90c) (M 2—14c; 10—60c).

Barcarole (Palmer) Fine, large, tall, clear orange. Ruffled.
(L 3—25c; 10—80c) (M 3—15c; 10—45c).

Beacon (Palmer) Red salmon with large cream blotches. A favorite.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Betty Nuthall (Salbach) Coral with orange throat. Late.
(L 3—25c; 10—75c).

Black Opal (Errey) A tall giant red. Up to ten blooms open.
(L 2—25c; 10—\$1.10).

Blue Admiral (Christ) Deep violet-blue. Clear color. Tall.
(L 3—25c; 10—75c).

Blue Beauty Giant light blue with edges of violet-blue.
(L 1—10c; 10—90c) (M 2—15c; 10—60c).

Camellia (Palmer) Large blush white with orange blotch on cream.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Candy Heart (Salbach) Massive pink with carmine blotch.
(L 2—25c; 10—\$1.10).

Charles Dickens Radiant purple. Old but still good.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

THIS CATALOG CANCELS ALL FORMER PRICES

NOTICE: Some kinds now sold out.
Hence the vacant spaces.

Corona (Palmer) Cream with pink pico-
tee edge. (L 2—30c; 10—\$1.20) (M 3—25c; 10—80c).

Debonair (Palmer) La France pink.
Throat of pink and cream.
Tall straight spike. Very long flower head.
(L 3—25c; 10—75c).

Duna (Palmer) Soft, light pinky buff. A
beautiful clear, distinct new shade.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Early Dawn (Briggs) Tall and large.
Very early geranium pink.
(L 3—15c; 10—75c).

Early Rose (Jack) Rich rose, lighter
in throat. Unique color.
(L 3—25c; 10—80c).

Flaming Meteor (Mitsch) Extra
large red blooms.
(L 3—25c; 10—80c).

Gate of Heaven (Pf) Straight spike.
Rich deep yellow.
(L 3—25c; 10—75c).

Golden Chimes (Ellis) Beautiful
large light yellow.
(L 3—25c; 10—80c).

Golden Cup (Palmer) Is deeper than
Golden Dream. Larger.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Greta Garbo (Pf) Soft rosy buff, with
cream throat. Tall.
(L 2—25c; 10—\$1.10) (M 3—25c; 10—70c).

Honor (Kinyon) Nice clear lavender.
Straight stiff spike. Beautiful.
(M 3—15c; 10—40c).

Irak (Mitsch) A silvery gray sport of
Bagdad. Taller. A novelty color.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Jersey Cream (Evans) Strong grower.
Good habits. Fine.
(L 3—25c; 10—75c).

King Lear (Palmer) Giant ruffled red-
dish-purple. Early.
(L 3—25c; 10—80c) (M 3—15c; 10—40c).

Londonderry (Christ) Immense rich
bronze-orange. Smoky
cast. Carmine throat. An "Autumn" color.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Maid of Orleans (Pf) Large lovely
milky white with
cream throat. Tall straight spike.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Mammoth White Immense white.
5-6 blooms open.
(L 3—25c; 10—80c).

Margaret Beaton (Canada) A tall
immense white
with orange-scarlet blotch.
(L 3—25c; 10—80c) (M 2—12c; 10—50c).

Margaret Fulton Superb early sal-
mon favorite. A
distinct shade, different from other glads.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Marguerite (Pommert) Mammoth new
watermelon pink, with
cream throat. Nicely ruffled. Never flecks.
(L 1—20c; 10—\$1.60) (M 1—10c; 10—80c).

Milford (New Zealand) Clear, even tone
of lovely light blue. LARGE.
(L 3—25c; 10—80c).

Minuet (JC) Large lavender. Grand. Old
but still going strong.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Miss America (Salbach) Delightful
shade of flesh pink.
(L 2—25c; 10—\$1.00).

Miss New Zealand (New Zealand)
Salmon-apricot.
(L 2—22c; 10—90c).

Mrs. E. J. Heaton Salmon with
cream throat
(L 3—25c; 10—75c).

Myrna (Pruitt) Tall, large ruffled white.
Winner of many prizes. Grand.
(L 2—25c; 10—\$1.10) (M 2—16c; 10—70c).

Nadia (Leffingwell) Decorative. Salmon-
yellow. Long flowerhead. Cute.
(L 3—25c; 10—80c) (M 3—15c; 10—45c).

N. Z. Splendor Giant pink. Orange-
red blotch.
(L 1—15c; 10—\$1.30) (M 3—25c; 10—75c).

Paradise (Pruitt) Apricot buff, shading
to yellow in throat. Tall.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Peggy Lou (Wilson-Evans) A deep
shrimp pink. Rosy cast.
(L 3—25c; 10—80c) (M 3—15c; 10—40c).

Pfitzer's Masterpiece Large sal-
mon pink.
(L 1—20c; 3—50c).

Picardy (Palmer) Soft shrimp pink.
Throat feathered rose.
(L 3—25c; 10—80c) (M 3—15c; 10—40c).

Prairie Gold (Corrington) Rich deep
yellow. Carmine on tips.
(L 3—25c; 10—75c).

Recado (Palmer) Gigantic tall smoky,
splashed with orange scarlet.
(L 3—25c; 10—80c) (M 3—15c; 10—40c).

Red Phipps (Briggs) A glowing red.
Splendid spike. Favorite.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Rewi Fallu (Australia) Tall, straight,
strong spike with 6 or more
massive, rich deep red blooms open at once.
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

Sahara (Palmer) Light brown to tan.
Unusual color. Well named.
(L 1—20c; 10—\$1.80).

Sandra (Palmer) Shrimp pink. Amber
blotch in throat. Beautiful.
(L 3—25c; 10—75c).

Shirley Temple
(L 3—25c; 10—75c).

(Pruitt) Immense ruffled cream. Fine.

Snow Princess
(L 3—25c; 10—75c) (M 3—15c; 10—40c).

(Pf) Immense white. Many blooms open.

Sonatine
(L 3—25c; 10—75c).

(Pf) Very tall, large, early, lustrous pink.

Southern Cross
(L 3—25c; 10—80c).

(New Zealand) A good red. Early.

Takina
(New Zealand) Massive. Rose-line purple. Stock scarce.
(L 2—22c; 10—90c).**Tunia's Triumph**
(L 2—25c; 10—\$1.10).

Exhibition salmon-red. Many open.

Uncas
(Webster) Deep coppery orange. Eight large blooms open.
(L 3—25c; 10—80c) (M 3—15c; 10—40c).**Vagabond Prince**
(Palmer) Bronze-red, with rich orange-red blotches. Decidedly different.
(L 3—25c; 10—80c) (M 3—15c; 10—40c).**Exhibition Mixed—Prepaid**

Each order mixed from fine named varieties, our selection, none labeled.

(Large 10—75c; 50—\$3.30; 100—\$6.00).
(Medium 10—40c; 50—\$1.80; 100—\$3.20).**More About Bulb Sizes**

Please read again page 30 regarding sizes of bulbs—Large and Medium. Note that Large does not mean No. 1 size but 1½ in. up—part No. 1, part No. 2. Medium does not mean No. 2 size nor all No. 3.

"Glad Gossip," 10 Cents

"Glad Gossip" is a 24-page booklet I wrote to help both amateurs and professional growers get the most pleasure and profit from their Glads. Doesn't tell all there is to know about Glads, but tips you off about many points of vital interest.

Among other things, about eight pages are given to thrips. Many who followed my suggestions last season solved their thrips problems, and have renewed their enthusiasm for growing Glads as a hobby or for market.

The price is 10 cents. If not worth 10 cents then it isn't worth sending for. It's been worth dollars to many Glad growers. You'll be surprised.

Free with Glad orders amounting to 50c or over, if asked for when order is sent. Otherwise, 10c please.

Notice Regarding Quantities

Due to shortage of Glad bulbs, we may limit a customer to not over 100 bulbs of a kind.

It stocks run real low will give preference to orders for 10 or less.

If need over 100 of kind, write us before ordering. Maybe we can spare you more than 100 of some kinds.

Gladiolus Bulbs Priced per 100 Prepaid

25 or more, same kind and size, at 100 rate.

	No. 1	No. 2	No. 3
BARCAROLE	\$	\$ 5.80	\$
BEACON		4.80	....
BETTY NUTHALL		4.80	....
CAMELLIA	6.40	4.80	
CHARLES DICKENS		4.80	....

GOLDEN CHIMES	6.80	5.20	
GRETA GARBO	9.40	8.00	6.80
IRAK		4.80	....
JERSEY CREAM		5.20	....
KING LEAR		5.20	

LONDONDERRY		4.80	3.60
MAID OF ORLEANS	6.40	4.80	....
MARGARET FULTON	6.40	4.80	3.60
MINUET		4.80	....

PEGGY LOU		5.20	
PICARDY	6.80	5.20	....
RAIRIE GOLD		4.80	....
RECADO		5.40	....

RED PHIPPS		4.80	
REWI FALLU	6.40	4.80	3.60
SNOW PRINCESS	6.80	5.20	....
VAGABOND PRINCE	6.80	5.20	....

Gladiolus Wholesale Prices**per 100 F. O. B. Boulder**

(You pay Express on arrival. Or, if by Parcel Post, then postage C. O. D.)

25 or more, same kind and size, at 100 rate.

	No. 1	No. 2	No. 3
BARCAROLE		\$ 4.80	\$
BEACON		4.00	....
BETTY NUTHALL		4.00	....
CAMELLIA		4.00	

CHARLES DICKENS		4.00	....
GOLDEN CHIMES	5.60	4.40	....
GRETA GARBO	8.40	7.20	6.00
IRAK		4.00	....

JERSEY CREAM		4.40	....
KING LEAR		4.40	
LONDONDERRY	5.20	4.00	3.20
MAID OF ORLEANS	5.40	4.20	....

MARGARET FULTON	5.00	3.80	3.00
MINUET		4.00	....
PEGGY LOU		4.40	....
PICARDY	5.60	4.40	....

PRAIRIE GOLD		4.00	....
RECADO		4.40	....
RED PHIPPS		4.00	
REWI FALLU	5.20	4.00	3.20

SNOW PRINCESS	5.60	4.20	....
VAGABOND PRINCE		4.40	....
EXHIBITION MIXED	5.00	4.00	3.00

Delightful Dahlias for 1945

Large Varieties

A. D. Livoni (Show) Rich pink, finely formed. A handsome flower of medium size. 25c.

Avalon (Dec.) Pure, clear yellow flowers of immense size. 25c.

California Idol (Dec.) Mammoth decorative clear lemon yellow, on exceptionally long, erect stems. Flowers open slowly and last long. 50c.

City of Cleveland (Informal Dec.) Unusual, russet red. Grand. Good growing habits. 50c.

Fireman (Informal Dec.) Flashy cardinal red with gold flushes and golden tips. Flowers large, held high above the foliage on long stiff stems. 75c.

Jane Cowl (Dec.) Glistening bronzy buff and old gold. Deeper toward center. Massive. 35c.

Jersey's Beauty (Dec.) Beautiful pink, excellent stem, fine keeping qualities. 30c.

Kilgore's King New gigantic Informal Decorative, with healthy, sturdy plant to match. Outer petals lovely rose-buff. Center golden. Petals long. Strong stem. 75c.

Lord of Autumn (Dec.) (Almy.) The super Dahlia in the yellow class. Has been grown 11 to 12 inches, and 7 inches deep. 75c.

Louise White Excellent decorative. Fine for cutting. 50c.

Man o' War (Informal Dec.) Fine stem and numerous large flowers. Rich dark carmine. 50c.

Margaret Woodrow Wilson

An exhibition dahlia of immense size and wondrous beauty. Color, an opalescent pink. Good grower. Profuse bloomer. 40c.

Monarch of the East (Dec.) Giant. Coppery gold, with red suffusion on lower half of many petals. Sturdy plant. A whale of a Dahlia. 75c.

Mrs. Geo. Le Boutillier (Dec.) The largest of all red dahlias. 10-12 inches in natural growth. Larger if disbudded. Plant bushy. Stems very long. Color, vivid red. A grand dahlia. 50c.

Mrs. Carl Salbach (Dec.) Soft-lavender-pink. Remarkable stems. 35c.

Mrs. Ida De Ver Warner (Dec.) Exquisite soft orchid. Very large. 30c.

Red Chief Bright red ball type. Not large. Good cutter. 25c.

Rosa Nell (Dec.) Pure, bright rose. Immense flowers. 35c.

Roycroft Bright cinnamon Cactus, with long stiff stems. 25c.

White Jersey Beauty (Decorative) An early blooming pure white. A fine variety for cutting. A strong grower of good habit. 50c.

Darling Pompons

CUTE LITTLE DAHLIAS

Pompons are the show or quilled type. Some blossoms are almost as round as a ball. The charm of these Pompon, Lilliput, Pewee or Midget Dahlias is due to their being small, prim and precise, instead of big, careless and informal.

Pompons measure only 2 inches or less in diameter. Don't enrich the soil for pompons. Work for size of bloom on your mammoth varieties, but keep the Pompons small and "just as sweet as they are."

Pompons "bloom and bloom and bloom." They are the answer to the question, "Why don't Dahlias last longer in bouquets?" Well, Pompons DO last longer. And such charming bouquets as they make!

CARDINAL. Bright cardinal.

DARKNESS. Rich maroon.

DEE DEE. Pure lavender.

GOLDILOCKS. Gold center.

JOE FETTIE. Pure white.

MARY MUNNS. Phlox purple.

MORNING MIST. White-lavender.

ROSE WILMOTH. Rose pink.

YELLOW GEM. Best yellow.

POMPON PRICES: Any of these POMPON Dahlias, labeled, at 30c each; 2 for 55c; 4 or more, alike or assorted, at 25c each.

Types of Large Dahlias

The **CACTUS** has pointed petals, often the petals rolled or twisted. If petals too broad for Cactus, yet not broad enough for Decorative, then we call this the **HYBRID CACTUS** type. The **DECORATIVE** type has broad, flat petals and many of them. The **SHOW** type has quilled petals, making a ball-shaped or nearly ball-shaped blossom.

All Dahlias Priced Prepaid
(Prices are for Divisions, per Each)

If your dahlia tubers are received before you wish to plant them, just keep them in a cool place, where will not freeze. And lay slightly damp gunny sack over them, if seem to dry out. Sprouting does no harm, but if long sprouts, cut back to within inch or so of tuber. Plant carefully, sprouts up.

TO KEEP DAHLIAS HEALTHY: Watch your plants closely. If the leaves turn brownish, or curl, or if the buds seem to blast, spray the plants well several times with some tobacco solution (Black Leaf 40 very good). Chances are that aphids, lice or tiny red spiders are at work. Dashing plants frequently with water from hose also helps. Don't wait too long—do the pests before they do the plants.

How to Buy Seeds

What is a Packet? Quantities of seed in a packet vary a whale of a lot, same variety, same price, as put up by different seedsmen. Long's packets contain more than many others.

But you get still more for your money if order by the ounce or fraction of an ounce (if so listed). You will want to make several sowings of many vegetables. Your ounce, or larger quantity, will save ordering again. For most gardens, order $\frac{1}{2}$ lb. or more Beans, Corn, Peas, especially Peas.

Buy enough, but don't hoard. 22,000,000 Victory gardens will require a lot of seed. Yet seedsmen believe there will be nearly enough for all. Some kinds may sell out. Better say, "If any sold out, send another kind," especially on late orders.

Buy Seeds from Seedsmen

The cost of good seed from best sources is a small item of expense, compared to other costs and labor in producing a garden, and insuring profitable returns.

Is simply good sense to buy seeds from firms that have specialized in producing and selling high grade seeds for years, rather than from mushroom dealers who spring up over night (since Pearl Harbor), hoping to cash in on the planting of Victory gardens.

For 42 years I've been selling seeds, good seeds, here in Boulder. For 38 years have issued catalogues and shipped seeds all over the U. S. A. and to foreign lands. I don't know it all yet, and never will. But I can and do send you seeds that make good.

More About the Spratts

Funny, isn't it, how often no two members in a family care for the same things, whether magazines, radio or radishes!

For example, Mr. and Mrs. Spratt. Jack won't be so choosey these days. His wife will nibble a bit of lean, and send some of the fat to war.

Our "Jack Spratt" Mixtures of Radish seed, and Onion seed promote health and harmony in any family.

Mr. Spratt, "I betcha", grabs off one of those Crimson Giant Radishes that will grow as large as an egg without getting pithy, while Mrs. Spratt selects a white tipped smaller variety. Jackie Junior may reach for a long red, and Genevieve Spratt crunch an Icicle. And everybody happy!

"Snappy Sudden Service"

That's a sample of slogans used by many business firms before the war. These times, we're thankful for any service at all!

However, believe it or not, last season we actually did give "Snappy Sudden Service" in filling your mail orders for seeds. Most packages were on their way within 48 hours from time orders were received. Some were filled same day received.

Many customers 1,500 to 2,000 miles from Boulder were amazed when seeds arrived so promptly. We hope to do as well this year, though I'm not sticking my neck out so far as to **plum guarantee** such speed always.

Here's how YOU can help: Do as many did last year—mail us your orders before the big spring rush, the earlier the better. No need for ALL to order soon as catalogue arrives but the "Early Birds" make it possible to give both early and late comers satisfactory service.

As Gracie Field sings it: "All for one, and one for all." Cooperation helps a whale of a lot. That's what we get from both Postal and Express service. They are doing a grand job.

So, grab that order blank. Do it now, or soon. Thanks a lot.—JD.

Business Terms—

All goods prepaid, unless otherwise noted.

Orders shipped promptly, or if delayed, we notify you at once. Safe delivery guaranteed.

Cash with order, or $\frac{1}{4}$ cash, balance C. O. D. Please do not ask for any other terms. Money orders preferred. But don't hesitate to send your personal check. We will pay collection fee at our bank. Coins or stamps for \$1.00 or less usually safe, but send at your own risk.

C. O. D. orders. Bear in mind that C. O. D. orders cost you extra for collection. Note we require $\frac{1}{4}$ down payment on C. O. D. orders.

Goods priced prepaid will be sent by parcel post or express, our option. Obvious price errors are canceled.

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THE J.D. LONG SEED COMPANY
BOULDER, COLORADO

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1

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A thick black arrow pointing to the right, indicating the direction of the next section.

COLORADO Customers: Please Add State Sales Tax. Thanks.

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SHALL WE SUBSTITUTE? If cannot supply kind ordered, shall we send another, subject
to your approval? Your answer _____

DOES YOUR NEIGHBOR WANT A CATALOG?

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R.R.D. NO.

CITY

STATE



City of Boulder Colorado

BOULDER

COLORADO

U.S.A.

Irresistible Iridescent Iris

(For Summer and Fall Shipment)

As you may have observed, there has been a great awakening in the Iris world.

New and wonderfully improved varieties have been originated. Colors and combinations of colors that were never dreamed of are now to be had in the newer varieties.

The size, too, has been increased far beyond fondest expectations.

Lucky for our customers, we have been buying many of the best of these new Iris introductions and increasing stocks under our favorable "Sunny Colorado" conditions.

And many marvelous varieties are now very reasonably priced.

The point is, begin this year, 1945, to start a collection of the world's most beautiful Iris.

Plant Iris in summer or fall. That's the best time to set out your Iris roots. Practically sure then to bloom well the next spring.

The Iris stands dry weather. Can be grown with little care under conditions many other flowers would fail.

Grasshoppers don't hop on Iris, at least not until after blooming season, and can't do much harm to Iris later.

Iris practically fool proof and free from pests. That's sumpin'.

We are making great preparations to begin digging and shipping Iris from about July 5th to October 15th.

Our new Iris price list will be ready about June 15th. This list will not be sent to all



on our regular mailing list, but to those who bought Iris of us the past few years, and to all others who ask for the Iris list.

We want you to have our 1945 Summer Iris list, but how are we to know who wants it unless you tell us? Chances are if you wait until summer you will forget to ask for this list.

So-oo-oo! Send us word any way you find most convenient. Drop a post card or letter, or notation at bottom of your order.

After reading the claims of many Iris growers I became a bit dizzy, and jotted down the following remarks:

Some claim that Iris roots are best
If they are grown away out west,
While others say down south they're strong
Because the season there is long.

Another vows they tougher grow
If fight the cold and ice and snow.
A fourth one joins this friendly feud
And says it's all in ALTITUDE!
From top of world, J D sez 'e,
Come Iris roots from borers free.
Each year they go to every state,
Reports come back, They're blooming great!

Some irrigate, while others think
'Tis sin to give an Iris drink.
No grower knows it all quite yet.
We've plenty more to learn, you bet.
Now getting down to brassy tacks,
I think we'd better make some tracks
That lead to buyer's planting ground—
Let him or her our praises sound.
For after all what counts the most
Is not our loud and lusty boast,
But what the customer will know,
Who plants our stocks and sees them grow.

--JD



CHRYSANTHEMUM TYPE MAMMOTH MARIGOLDS

MISSION Incurved Petals

MISSION BLOOMS (almost perfect balls) are firm. Last many days on plant or when cut.

THE VIGOROUS PLANTS have long stems and long side branches.

MISSION "GOLDSMITH." Giant orange.
Pkt. 15c; 2 pkts. 25c; $\frac{1}{4}$ oz. 60c.

MISSION "YELLOWSTONE." Giant gold.
Pkt. 15c; 2 pkts. 25c; $\frac{1}{4}$ oz. 60c.
(1 pkt. each Goldsmith and Yellowstone 25c.)

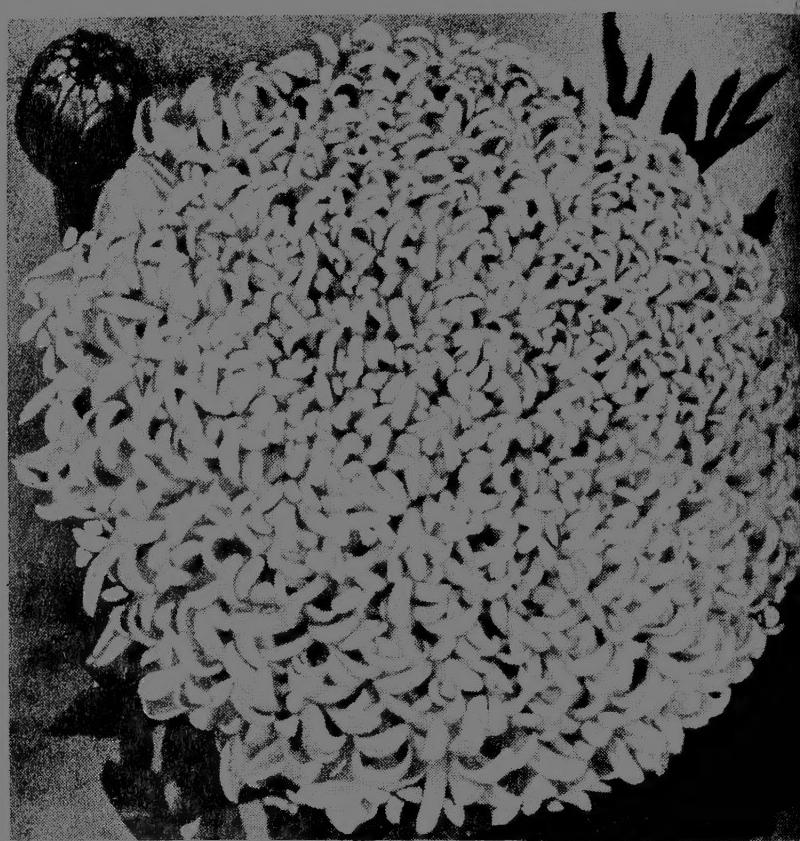
Marigold-Mum

Very similar in every way to the Missions, in type, size, habit, but lemon-yellow.

Pkt. 15c; $\frac{1}{8}$ oz. 70c; $\frac{1}{4}$ oz. \$1.25.

MISSION-MUM MIXTURE. All 3 kinds in one mixture.

Pkt. 15c; 2 pkts. 25c; $\frac{1}{4}$ oz. 80c.



Mission Master Marigolds

More Mammoth MARIGOLDS

"Pot O' Gold" (Tall) MAMMOTH GLOWING Orange. (Bodger's Gigantea Double). Can be grown to almost unbelievable size in any garden. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

Gypsy Jewels Large double blooms in brilliant shades of orange, yellow and primrose, mixed. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

Sunset Giants Mammoth double type. Robust. Sweet scented. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

Crown of Gold Medium size. Odorless. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Harmony Yellow bordered maroon. Semidwarf. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Guinea Gold Orange. Carnation-flowered. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Orange Prince Deep golden orange. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Yellow Supreme An old favorite. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Gold Medal Blend Many new kinds; "ALL-IN-ONE" mixture. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

Dwarf "Pot O' Gold" Bushy plants, about 14 in. Large orange double. Pkt. 10c;



"Pot O' Gold"

60c Collection

One each of the 8 Marigolds priced at 10c—the **8 Pkts. for 60c.**

(No changes in the Collection)

70c Collection

One Pkt. each of the 6 Marigolds priced at 15c—the **6 Pkts. for 70c.**

(No changes in the Collection)

The J. D. Long Seed Company . . . Boulder, Colorado